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अमृत महोत्सव



हरियाणा सरकार

**State Environment Impact Assessment Authority, Haryana,
Bays No.55-58, PrayatanBhawan, Sector-2 Panchkula.**

Tel: 0172-2565232, 4043956

E-mail Id: seiaa-21.env@hry.gov.in

Memo No: SEIAA (179)/HR/2024/252

Dated: 27/08/2024

To

**M/s Maruti Suzuki India Limited,
Old Palam Gurgaon Road, Gurugram,
Haryana, 122015
Email Id: madan.bansode@maruti.co.in**

Subject: Correction in Environmental Clearance granted to M/s Maruti Suzuki India Limited vide file no. SEAC/HR/2024/45 dated 28th may 2024 for proposed expansion of industrial shed for automobile manufacturing unit situated at Plot No. 831, Industrial Model Township (IMT), Kharkhoda, Sonipat.

The Project was submitted to the SEIAA vide Proposal No. SIA/HR/INFRA2/457883/2024 dated 29.01.2024 for obtaining Grant of Environment Clearance under Category 8(b) within the scope and meaning of EIA Notification dated 14.09.2006 issued by MOEF & CC, GOI. The Project Proponent has deposited Scrutiny fee of Rs.2,00,000/- vide DD No. 509359 dated 16.08.2023

The project proponent was intimated that Environment Clearance (EC) to industrial shed of Automobile Manufacturing (Integrated Facilities) Unit situated at IMT Kharkhoda, Sonipat district, Haryana was granted on 28th May 2024.

However, upon reviewing the stipulated conditions, PP noticed a few discrepancies that require corrections. Various stipulated conditions of the letter are not matching with the Minutes of SEAC meeting dated 13.03.2024 and SEIAA meeting dated 09.05.2024 as referred above. These conditions are not related to their project and appear to be inaccurate, considering this specific requirements and environmental concerns associated with this project.

To ensure compliance with environmental regulations and to uphold their commitment to responsible environmental stewardship, the PP requested to review and a revision of the stipulated conditions as per SEAC and SEIAA MOM.

FINDINGS AND DECISION OF THE AUTHORITY (SEIAA):

The case was taken up during the 179th meeting of SEIAA held on 23.07.2024. Authority discussed the case. Earlier, the case was taken up during 172nd Meeting of SEIAA held on 09.05.2024.

Ltd. (as per the regular letter of allotment issued by HSIIDC Reference No. HSIIDC: RLA 2022MAR03484/5676 dated 31.03.2022) under Category 8 (b) within the scope and meaning of EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India along with specific conditions.

On perusal of the minutes of 172nd meeting of SEIAA to the project, it has been noticed that some specific conditions is not mentioned as per minutes of meeting dated 09.05.2024.

After deliberations, the Authority decided to **delete Specific EC conditions (Sr.No.1.3 to 1.35) mentioned in EC identification No. 24B3813HR5187061N dated 28.05.2024** and decided to issue a corrigendum to correct the following specific conditions according to the 172nd meeting of SEIAA and all other conditions will remains same:

A. Specific Conditions:-

1. Bio-Medical waste will be disposed through common Bio-medical treatment and disposal facility (CBWTF) authorized by HSPCB/CPCB.
2. E-Waste, plastic waste and battery waste will be disposed through authorized recycle of HSPCB/CPCB.
3. The PP shall take the necessary approval from PESO, if applicable.
4. The PP shall follow the compliance of Public Liability Insurance Act, 1991.
5. The PP shall carry the isolated storage of each chemical to be stored with the existing precautions as per the MSHIC Rules, 1989 and abide by all conditions of MSDS.
6. The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
7. The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project.
8. The PP and consultant agree to display the First Aid measure, Fire Fighting Measure, Accidental Release measure, Exposure and control (Personal Measure) at the site.
9. The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
10. Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration. The Treated effluent from STP shall be recycled/ reused for flushing, DG cooling, Gardening and HVAC.
11. The PP shall comply with provisions of Occupational Safety health and working conditions Code 2019.
12. The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
13. The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
14. Separate rest and drinking water facilities shall be provided for all workers.

environmental audits shall be conducted and maintained the records of audit. These audits shall be followed by Corrective action plan to correct the various measures identified during the audits (CAP).

16. Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 km radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time
17. The PP shall provide the Anti-smog gun mounted on vehicle in the project for suppression of dust during construction phase and shall use the treated water, if feasible.
18. The PP shall install the Eco-Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas-based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO₂ load by 30% if HSD is used.
19. The PP shall not carry any construction below the HT Line passing through the project, if any.
20. The PP shall not carry any construction above or below the Revenue Rasta, if any.
21. The PP shall obtain the permission regarding withdrawal of ground water from CGWA/State water Authority, Haryana before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.
22. The PP shall not allow parking of the vehicles on the roads or revenue Rasta outside the project area.
23. The PP shall not give occupation or possession before the water supply and sewage connection permitted by the competent authority
24. The PP shall develop the onsite and offsite emergency plan in consultation with the regulatory authority.
25. The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of RWH pits.
26. The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
27. The PP may provide electric charging stations to facilitate electric vehicle commuters.
28. PP shall submit timeline regarding implementation of green plan, RWH.
29. The PP shall not allow establishment of any category A or B type industry in the project area.
30. The PP shall carry out the quarterly awareness programs for the staff.
31. Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
32. The PP shall comply with provisions of Manufacturing storage and import of Hazardous chemical rules
33. No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable **588,227.77 sq.m (@ 20%)** shall be provided for green area development.
34. The PP shall install solar power capacity of **50 MW**.
35. The PP shall adopt a pond **Rasar 1 (Pond ID 01-HR-SPT-KKD-0013-G-OPA-001)** for its **maintenance and rejuvenation.**

O/C

Waseh
(Dr. Virender Kumar Dahiya IAS)
Member Secretary,
State Level Environment Impact
Assessment Authority, Haryana, Panchkula

2. Chairman, State Environment Impact Assessment Authority, Bay No. 55-58, Prayatan Bhawan, Sector-2, Panchkula, Haryana
3. Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula.
4. Director, Environment & Climate Change Department, Haryana, Bay's No. 55-58, 1st floor, Paryatan Bhawan, Sector-2, Panchkula, Haryana
5. Director General, Town & Country Planning Haryana, Plot No. 3, Sector - 18A, Madhya Marg, Chandigarh- 160018.
6. Regional Office, Ministry of Environment, Forests & Climate Change, Govt. of India, Bay's No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160018.
7. Concerned File/ Office Copy.

o/c

W. S. Dahiya

(Dr. Virender Kumar Dahiya IAS)
Member Secretary,
State Level Environment Impact
Assessment Authority, Haryana, Panchkula

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सत्यमेव जयते

File No: SEAC/HR/2024/045
Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment
Authority(SEIAA), HARYANA)



Date 28/05/2024



To,
MARUTI SUZUKI INDIA LIMITED
Old Palam Gurgaon Road , Gurugram, GURUGRAM, HARYANA, , 122015
madan.bansode@maruti.co.in

Subject: EC for Proposed Expansion of Industrial Shed for Automobile Manufacturing (Integrated Facilities) Unit situated at Plot No. 831, Industrial Model Township (IMT) Kharkhoda, Sonipat, Haryana

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/HR/INFRA2/457883/2024 dated 29/01/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24B3813HR5187061N
(ii) File No.	SEAC/HR/2024/045
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	8(b) Townships/ Area Development Projects / Rehabilitation Centres Proposed expansion of Industrial shed for Automobile Manufacturing (Integrated facilities)
(vii) Name of Project	Unit situated at Plot No. 831, Industrial Model Township (IMT) Kharkhoda, Sonipat, Haryana, Pincode-131402
(viii) Name of Company/Organization	MARUTI SUZUKI INDIA LIMITED
(ix) Location of Project (District, State)	SONIPAT, HARYANA
(x) Issuing Authority	SEIAA
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. In This has reference to your Proposal No. SIA/HR/INFRA2/457883/2024 dated 29.01.2024 and subsequent letter dated 05.03.2024 for obtaining Environmental Clearance under category 8(b) of EIA Notification dated 14.09.2006 along with submission of **due Scrutiny fee (as applicable) of 2,00,000/- vide DD No. 509359 dated 16.08.2023 (in compliance of Haryana Government, Environment & Climate Change, Department Notification No. DE&CCH/3060 dated 14.10.2021)**. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., Form-1, Form1-A, Conceptual Plan, EIA/EMP Report on the basis of Approved ToR and additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MoEF& CC, GoI vide their Notification dated 21.02.2022, in its meeting held on 07.02.2024 and 13.03.2024 and recommended this project to SEIAA for Grant of Environment Clearance.
4. It is inter-alia, noted that the project involves the Environment Clearance for Proposed Expansion of Industrial Shed for Automobile Manufacturing (Integrated Facilities) Unit situated at Plot No. 831, Industrial Model Township (IMT) Kharkhoda, Sonipat, Haryana.
5. The basic details of project are as under:



Sr. No.	Particulars	Phase-1	Phase-2	Total
1.	Online Proposal no.	SIA/HR/INFRA2/457883/2024		
2.	Latitude	28°49'56.15" N		
3.	Longitude	76°55'42.79" E		
4.	Plot Area	30,33,122	-92,458.55	2940663.45 sqm
5.	Total FAR Proposed	13.28	22.80	36.08%
6.	Total Built Up area	390,600	670,446	1061046 sqm
7.	Total Green Area with Percentage	229,024.12	359203.65	588,227.77 sq. m. (i.e., 20% of plot area)
8.	Rain Water Harvesting Potential (Lagoon capacity)	3,13,100		3,13,100 cum
9.	Proposed STP Capacity	1,680	1,680	3360 KLD
10.	Proposed ETP Capacity	5,040	5,040	10080 KLD
11.	Total Parking	122,846.08	37,541.51	160,387.59 sqm
12.	Power Requirement	42	48	90 MW
13.	GG set Backup	6150	3700	9850 KVA (Gas Based Generator)
14.	Total Water Requirement	10,380	8,198	18101 KLD
15.	Fresh Water Requirement	5,562	4,560	10122 KLD
16.	Wastewater Generation to ETP	4,380	2,096	6,476 KLD
17.	Recycled Water	4,818	3,161	7,979 KLD
18.	Wastewater Generation to STP	1,642	1,046	2,688 KLD
19.	Treated Water from STP	1,314	837	2,151 KLD
20.	Treated Water from ETP	3,504	2,324	5,828 KLD
21.	Solid Waste Generated	306	1632	1938 TPA
22.	Biodegradable Waste	122	653	775 TPA
23.	No. of Floors	3	3	3
24.	Expected Population	7,700	9,994	17,694
25.	Plastic Waste	1030	1030	2060 TPA
26.	E-waste Generation	12.5	12.5	25 TPA
27.	Battery Waste	50	50	100 TPA
28.	Bio-Medical waste	1.25	1.25	2.5 TPA
29.	Non-biodegradable solid waste	184	979	1,163 TPA
30.	Hazardous waste generation	9,221	9,221	18,442 TPA
31.	Other Waste	72,210	72,210	144,420 TPA
32.	Dwelling unit	3101		3101
33.	Total Cost of the project:	16,886.7 Cr	20,772.88 Cr	37659.58 Cr
34.	SPV Capacity	30	20	50 MWp

Table 2: Land Utilization of the project

Land use type/Phase wise details	Phase-1 (Line-A&B) (Sq. m.)	Phase-2 (Line-C&D) (Sq. m.)	After expansion (sq. m.)
Production shed including workshop	383,028.57	518,089.20	901,117.77
Storage area of fuel	13,621.42	-	13,621.42
Storage area of product- SND	626,211.11	-	626,211.11
Storage area of Hazardous waste	2,541.38	-	2,541.38
Utility Area	74,088.50	-	74,088.50
Green Area	229,024.12	359,203.65	588,227.77
Others (please specify)	476,740.31	258,115.19	734,855.50
Total land area	1,805,255.41	1,135,408.04	2,940,663.45

Table 3: Production details (Phase-1 & Phase-2)

Sr. No.	Name of the product/ to be produced	Capacity	Production
1.	Passenger Cars and Utility Vehicles	Numbers/Day	4,286
2.	Transmission Assembly	Numbers/Day	5,714
3.	Engine Assembly	Numbers/Day	4,286

Table 4 – EMP Details**During Construction Phase:**

S. No.	Component	Capital Cost (Million Rs.)	Recurring Cost (Million Rs. /Annum)
1	Barricading of the site	89.27	-
2	Dust Mitigation Measures	0.71	25.55
3	Site Sanitation + Temporary toilets	0.35	17.91
4	Disinfection/Pest Control		0.71
5	Labour Health Check Up & First Aid facility	1.18	21.95
6	Labor Welfare	28.62	56.21
7	Wheel washing	2.66	0.04
8	Waste Storage Bins-Labour Camp/Site offices	0.01	-
9	Traffic Management Signages	0.12	-
10	Safety Training to workers	5.90	4.25
11	Environment Monitoring	0.89	-
TOTAL		129.71	126.62

During Operational Phase:

S. No.	Component	Capital Cost (Million Rs.)	Recurring Cost (Million Rs./Annum)
1	Effluent Treatment Plant	583.52	66.88
2	ZLD system	355.6	66.88
3	Sewage Treatment Plant	332.46	50.16
4	Solid waste storage bins + Composter unit	2.2	0.5
5	Green Area Development (Tree Plantation & Land Scaping)	302.6	19.2
6	Solar Power Plant (30 + 20 MWp)	3418.75	8.28
7	Pollution control devices	246.092	17.38
8	Bio-gas plant	1350	94
9	Handling & disposal of co-processing waste	106	97.261
10	Rainwater Harvesting Structures (Including Lagoons)	422.6	2.5
11	Environment monitoring	2.5	0.7
12	One-time financial contribution HPWWMA for the rejuvenation of pond as per below details. Name of pond: Rasar 1 Pond UID: 01HRSPTKKD0013GOPA001	~ 3.6	-
Total		7,125.92	423.74

Proposed CSR activities under section 135 of Companies Act, 2013

Development of classes in Kundal and Rampur village

Approx. 20 Million

6. In view of the recommendations made by State Expert Appraisal Committee (SEAC) in the said case and further consideration of the documents/details submitted by the Project Proponent; the Authority after discussions decided during **172nd Meeting held on 09.05.2024** to **“GRANT ENVIRONMENT CLEARANCE” to M/s Maruti Suzuki India Ltd. (as per the regular letter of allotment issued by HSIIDC Reference No.HSIIDC:RLA2022MAR03484/5676 dated 31.03.2022)** under **Category 8(b)** within the scope and meaning of EIA Notification dated 14.09.2006 issued by the Ministry of Environment and Forest, Government of India.

Copy To

1. Director (IA Division), MoEF& CC, GoI, Indira Paryavaran Bhavan, Zorbagh Road- New Delhi-110003.
2. Chairman, State Environment Impact Assessment Authority, Bay No. 55-58, Prayatan Bhawan, Sector-2, Panchkula, Haryana
3. Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula.
4. Director, Environment & Climate Change Department, Haryana, SCO 1-3, Sector-17 D, Chandigarh-160017
5. Director General, Town & Country Planning Haryana, Plot No. 3, Sector - 18A, Madhya Marg, Chandigarh- 160018.
6. Regional Office, Ministry of Environment, Forests & Climate Change, Govt. of India, Bay's No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160018.
7. Concerned File/ Office Copy

Annexure 1**Specific EC Conditions for (Townships/ Area Development Projects / Rehabilitation Centres)****1. Additional Condition**

S. No	EC Conditions
1.1	1. E-Waste, plastic waste and battery waste will be disposed through authorized recycle of HSPCB/CPCB.
1.2	Bio-Medical waste will be disposed through common Bio-medical treatment and disposal facility(CBWTF) authorized by HSPCB/CPCB.
1.3	The project is recommended on concept basis as such in case of any change in planning, the PP will obtain fresh EC.
1.4	Sewage shall be treated in the STP on latest Technology to achieve standards ordered by NGT. The Treated effluent from STP shall be recycled /reused for flushing, DG cooling and Gardening
1.5	The PP should not mix the ETP effluent after treatment in the STP and ETP effluent shall be separately utilized for the purposes
1.6	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution

S. No	EC Conditions
	Control Board so as to continuously monitor the treated waste water being used for flushing in terms of faecal coli forms and other pathogenic bacteria.
1.7	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project. The PP shall establish Environment monitoring cell as per documents submitted.
1.8	The PP shall not carry out any construct above and below revenue rasta if passing through the project and ensure that permission of the competent authority shall be obtained before carry out any construction above or below the revenue rasta. The PP shall put notice board on the revenue rasta for the passer byes
1.9	The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
1.10	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.
1.11	Separate wet and dry bins must be provided in each unit and at ground level for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to solid waste dumping site through authorized vender.
1.12	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time
1.13	No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping
1.14	The Project Proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.

S. No	EC Conditions
1.15	Consent to establish/operate for the project shall be obtained from the State Pollution Control Board as required under the Air (Prevention and Control of pollution) Act, 1981 and the Water (Prevention and control of pollution) Act, 1974.
1.16	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of fire fighting equipments etc. as per National Building Code including protection measures from lightening etc.
1.17	The PP shall obtain the Fire NOC from the Competent Authority before taking the occupation of the building
1.18	The PP shall install the Eco Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas based generator set when the gas is available. The PP shall install APCM for the DG set
1.19	The PP shall not mix ETP treated effluent with STP water
1.20	The PP Shall comply with SOP for reduction of Air and Noise pollution during construction and operation phase
1.21	The PP shall follow SOP regarding single use plastic free
1.22	The PP shall follow the SOP for reduction of carbon footprints
1.23	PP shall not mix ETP treated effluent with STP treated effluent and MEE should be installed to evaporate ETP treated water
1.24	The PP shall obtain the permission regarding withdrawal of ground water, if any from HWRA/CGWA before the start of the project and also obtained the CTO from HSPCB after the approval from HWRA/CGWA.
1.25	The PP shall carry out the quarterly awareness programs for the stakeholders of the project.
1.26	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of RWH pits
1.27	The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.
1.28	The PP may provide electric charging stations to facilitate electric vehicle commuters.
1.29	The PP shall take all preventive measures including water sprinkles to control dust during

S. No	EC Conditions
	construction and operational phase.
1.30	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.
1.31	The PP is required to plant 10 times trees at the project site and compensatory tree plantation will be done @1:10. No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping. As proposed 103413.87 m2 (30% of planned area) shall be provided for green area development
1.32	The PP shall provide solar power as per HAREDA norms
1.33	90 Rain water harvesting tank shall be provided for ground water recharging as per the CGWB norms.
1.34	The PP shall install required number of Anti Smog Guns at the project site as per the requirement of HSPCB.
1.35	The PP shall register themselves on https://dustapphspcb.com portal as per the Direction No. 14 dated 11.06.2021 issued regarding dust mitigation by Commission for Air Quality Management in National Capital Region and Adjoining Areas.

Standard EC Conditions for (Townships/ Area Development Projects / Rehabilitation Centres)

1. Statutory Compliance

S. No	EC Conditions
1.1	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
1.2	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc.
1.3	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
1.4	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.

S. No	EC Conditions
1.5	The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/ Committee.
1.6	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.
1.7	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
1.8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
1.9	The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016, shall be followed.
1.10	The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.
2.2	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
2.3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.
2.4	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
2.5	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.
2.6	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust

S. No	EC Conditions
	pollution.
2.7	Wet jet shall be provided for grinding and stone cutting.
2.8	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.
2.9	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Management Rules 2016.
2.10	The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
2.11	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
2.12	For indoor air quality the ventilation provisions as per National Building Code of India.

3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
3.2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.
3.3	Total fresh water use shall not exceed the proposed requirement as provided in the project details.
3.4	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
3.5	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed, the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.
3.6	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.

S. No	EC Conditions
3.7	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
3.8	Use of water saving devices/fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
3.9	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
3.10	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
3.11	The local bye-law provisions on rain water harvesting should be followed. If local bye-law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain water harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.
3.12	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
3.13	All recharge should be limited to shallow aquifer.
3.14	No ground water shall be used during construction phase of the project.
3.15	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
3.16	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.
3.17	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
3.18	No sewage or untreated effluent water would be discharged through storm water drains.
3.19	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.

S. No	EC Conditions
3.20	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.
3.21	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

4. Noise Monitoring And Prevention

S. No	EC Conditions
4.1	Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB / SPCB.
4.2	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
4.3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

5. Energy Conservation Measures

S. No	EC Conditions
5.1	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.
5.2	Outdoor and common area lighting shall be LED.
5.3	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
5.4	Energy conservation measures like installation of CFLs/ LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
5.5	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.
5.6	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20%

S. No	EC Conditions
	of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

6. Waste Management

S. No	EC Conditions
6.1	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W. generated from project shall be obtained.
6.2	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
6.3	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.
6.4	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.
6.5	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.
6.6	Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
6.7	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, Compressed earth blocks, and other environment friendly materials.
6.8	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.
6.9	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Waste Management Rules, 2016.
6.10	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.

7. Green Cover

S. No	EC Conditions
7.1	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling

S. No	EC Conditions
	shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).
7.2	A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.
7.3	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
7.4	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.

8. Transport

S. No	EC Conditions
8.1	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b. Traffic calming measures. c. Proper design of entry and exit points. d. Parking norms as per local regulation.
8.2	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.

9.

S. No	EC Conditions
9.1	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./ competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

10. Human Health Issues

S. No	EC Conditions
10.1	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
10.2	For indoor air quality the ventilation provisions as per National Building Code of India.
10.3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
10.4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
10.5	Occupational health surveillance of the workers shall be done on a regular basis.
10.6	A First Aid Room shall be provided in the project both during construction and operations of the project.

11. Miscellaneous

S. No	EC Conditions
11.1	The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.
11.2	ii. environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
11.3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
11.4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
11.5	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
11.6	A separate Environmental Cell both at the project and company head quarter level, with qualified

S. No	EC Conditions
	personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
11.7	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report
11.8	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
11.9	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
11.10	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
11.11	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report and also that during their presentation to the Expert Appraisal Committee.
11.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
11.13	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
11.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
11.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
11.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
11.17	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
11.18	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

12. Specific Conditions

S. No	EC Conditions
12.1	The project proponent shall develop R& D facilities to develop their own technologies for propylene and polypropylene processing.

Additional EC Conditions

N/A



MSIL:CUIP:ESEC:ENV:2024-25:148

29-Nov-2024

To
Ministry of Environment, Forest, and Climate Change
Integrated Northern Regional Office
Bays No 24-25, Sector – 31 A
Dakshin Marg
Chandigarh - 160030

Sub: Half yearly report for the Compliance of the conditions given in the Environmental Clearance for proposed expansion of Industrial shed for Automobile Manufacturing (Integrated Facilities) Unit situated at Plot No. 831, Industrial Model Township (IMT) Kharkhoda, Sonipat, Haryana

Ref: Environment Clearance Letter from MoEFCC (SEIAA), Haryana vide File No. SEAC/HR/2024/045 & EC identification no. EC24B3813HR5187061N dated 28.05.2024 & Memo No: SEIAA(179)/HR/2024/252 dated 27th August 2024.

Dear Sir,

Enclosed please find herewith the half yearly report for the period of April 24 to September 24 related to environmental clearance issued for our proposed expansion of Industrial shed for Automobile Manufacturing (Integrated Facilities) Unit situated at Industrial Model Township (IMT) Kharkhoda, Sonipat, Haryana.

Thanking You.

Yours Faithfully


Paresh Mani Sharma
DGM (Environment)
Maruti Suzuki India Limited

Paresh Mani Sharma
Deputy General Manager (Environment)
Maruti Suzuki India Limited, Gurgaon

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Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant:

Maruti Suzuki India Limited,
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Gurgaon - 122051, Haryana, India.

Tel: 0124-4884000, Fax: 0124-4884199

“Six Monthly Compliance Report”

April 24 to September 24

For the conditions stipulated in Environment Clearance for proposed expansion of Industrial shed for Automobile Manufacturing (Integrated Facilities) Unit situated at IMT Kharkhoda, Sonipat, Haryana



Submitted by-

M/s Maruti Suzuki India Limited,
Gurugram Plant, Palam Gurugram Road
Gurugram-122015, Haryana

MARUTI SUZUKI INDIA LIMITED, KHARKHODA, HARYANA

Ref: Environment clearance issued from SEIAA, Haryana vide File No. SEAC/HR/2024/045 & identification no. EC24B3813HR5187061N dated 28.05.2024 & Memo No: SEIAA(179)/HR/2024/252 dated 27th August 2024

S.No.	Stipulated Condition in Environment Clearance	Compliance Status
Specific Conditions		
1	E-Waste, plastic waste and battery waste will be disposed through authorized recycle of HSPCB/CPCB.	Noted.
2	Bio-Medical waste will be disposed through common Bio-medical treatment and disposal facility (CBWTF) authorized by HSPCB/CPCB.	Noted.
3	The PP shall take the necessary approval from PESO, if applicable	PESO approvals have been taken for storage of fuel and raw material. The same is attached as Annexure-1.
4	The PP shall follow the compliance of Public Liability Insurance Act, 1991	The copy of the PLI insurance is attached as Annexure-2.
5	The PP shall carry the isolated storage of each chemical to be stored with the existing precautions as per the MSHIC Rules, 1989 and abide by all conditions of MSDS	Noted.
6	The Approval of the Competent Authority shall be obtained for structural safety of building code due to earthquakes, adequacy of firefighting equipment etc. as per National Building Code including protection measures from lightening etc	To be complied after building completion.
7	The PP shall ensure that total EMP Budget shall be spent on project during construction as well as during operational phase as per table given above. The EMP cost on Socio Economic activities shall be used before the commencement of the project & EMP recurring inside the project shall be implemented throughout the operation of the project.	Noted.
8	The PP and consultant agree to display the First Aid measure, Fire Fighting Measure, Accidental Release measure, Exposure and control (Personal Measure) at the site.	First aid measures, firefighting measures and emergency response measures are displayed at all relevant sites.
9	The project proponent shall upload the status of compliance of the basic details (given in above tables), stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Noted.
10	Sewage shall be treated in the STP based on latest Technology with tertiary treatment i.e. Ultra Filtration. The Treated effluent from STP shall be recycled/ reused for flushing. DG cooling, Gardening and HVAC.	MSIL has installed 70 m ³ /hr capacity of STP within the premises with Membrane Bioreactor (MBR) technology. The treated effluent meets the prescribed parameters of HSPCB and is used for horticulture purposes.

11	The PP shall comply with provisions of Occupational Safety health and working conditions Code 2019.	MSIL is complying with the provision of the Factories Act 1948 which is applicable for factory premises. The Occupational Safety health and working conditions code 2019 is yet to be notified at state level. We will ensure to take all necessary measures of the law after the implementation of final notification.
12	The Project Proponent would devise a monitoring plan to the satisfaction of the State Pollution Control Board so as to continuously monitor the treated wastewater being used for flushing in terms of faecal coli forms and other pathogenic bacteria.	The STP treated effluent shall meet the prescribed standard of the Haryana State Pollution Control Board (HSPCB) before being used for horticulture and toilet flushing
13	The Project Proponents would commission a third party study on the implementation of conditions related to quality and quantity of recycle and reuse of treated water, efficiency of treatment systems, quality of treated water being supplied for flushing (specially the bacterial counts), comparative bacteriological studies from toilet seats using recycled treated waters and fresh waters for flushing, and quality of water being supplied through spray faucets attached to toilet seats.	The third-party study related to efficiency of treatment plants shall be carried out after the commissioning of projects. The same shall be submitted in due course of time.
14	Separate wet and dry bins must be provided for facilitating segregation of waste. Solid Waste shall be segregated into wet garbage and inert materials. Wet Garbage shall be composted in Organic waste convertor. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting. The Inert waste from the project will be sent to solid waste dumping site through authorized vender.	Adequate area is allotted for solid waste management within the premises. The wet garbage will be stored and used in captive biogas plant.
15	The PP shall implement the EMP and assess that the implemented EMP is adequate and periodic environmental audits shall be conducted and maintained the records of audit. These audits shall be followed by Corrective action plan to correct the various measures identified during the audits (CAP).	To be complied during the execution of the project.
16	Traffic management plan as submitted shall be implemented in letter and spirit. Apart, a detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 km radius of the project is marinated and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habilitation being carried out or purpose to be carried out by the project or other agencies in this 05kms radius of the site in different scenarios of space and time.	To be complied in during operation phase of the plant.

17	The PP shall provide the Anti-smog gun mounted on vehicle in the project for suppression of dust during construction phase and shall use the treated water, if feasible.	Anti-smog guns as per the requirement of CAQM are provided during the construction of the project.
18	The PP shall install the Eco-Friendly Green Transformer based on ester oil to reduce the carbon footprint. The PP shall shift to gas-based generator set when the gas is available. The PP shall install APCM for the DG set. The PP shall reduce the SO2 load by 30% if HSD is used.	Gas based generators shall be used during the operation phase. APCM such as installation of RECD and CPCB IV compliant generator sets shall be used. All emission standards prescribed by the Commission for Air Quality Management (CAQM) and Environment (Protection) Act, 1986 shall be followed.
19	The PP shall not carry any construction below the HT Line passing through the project, if any.	Complied.
20	The PP shall not carry any construction above or below the Revenue Rasta, if any.	Complied.
21	The PP shall obtain the permission regarding withdrawal of ground water from CGWA/State water Authority, Haryana before the start of the project and also obtained the CTO from HSPCB after the approval from CGWA.	Noted. The consent to operate (CTO) has been obtained on 29.05.2024 for Phase I.
22	The PP shall not allow parking of the vehicles on the roads or revenue Rasta outside the project area.	Noted.
23	The PP shall not give occupation or possession before the water supply and sewage connection permitted by the competent authority	Water supply permission has been obtained from Haryana State Industrial & Infrastructure Development Corporation Ltd.
24	The PP shall develop the onsite and offsite emergency plan in consultation with the regulatory authority.	An onsite emergency plan shall be prepared and shared to the concerned authority before commencing of operations.
25	The PP shall install Digital water level recorder for monitoring the water recharge and carry out quarterly maintenance and cleaning of RWH pits.	The digital water level recorder shall be installed during the execution of the project.
26	The PP shall ensure the compliance of provisions of Plastic Waste Management (Amendment) Rules, 2022 relevant for the project.	Complied
27	The PP may provide electric charging stations to facilitate electric vehicle commuters.	Electric charging stations to be provided in visitor parking.
28	PP shall submit timeline regarding implementation of green plan, RWH	The timeline and green area plan are already submitted to authority during the EC application.
29	The PP shall not allow establishment of any category A or B type industry in the project area.	Noted.
30	The PP shall carry out the quarterly awareness programs for the staff.	Being Complied.

31	Any change in stipulations of EC will lead to Environment Clearance void-ab-initio and PP will have to seek fresh Environment Clearance.	Noted.
32	The PP shall comply with provisions of Manufacturing storage and import of Hazardous chemical rules	Being Complied.
33	No tree cutting has been proposed in the instant project. A minimum of 1 tree for every 80sqm of land should be planted and maintained. The Existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable 588,227.77 sq.m (@ 20%) shall be provided for green area development.	Green area is being developed as per the layout attached as Annexure-3.
34	The PP shall install solar power capacity of 50 MWp	Solar power plant shall be installed in phased manner.
35	The PP shall adopt a pond Rasar 1 (Pond ID 01-HR-SPT-KKD-0013-G-OPA-001) for its maintenance and rejuvenation.	The one-time fee for maintenance of pond Rasar 1 (Pond ID 01-HR-SPT-KKD-0013-G-OPA-001) has been submitted to the Haryana Pond & Wastewater Management Authority. Copy of Cover Letter regarding successful payment submitted to the said authority is attached as Annexure-4.
Statutory Compliance		
1	The project proponent shall obtain all necessary clearance/ permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.	All necessary permissions from all relevant agencies have been taken.
2	The approval of the Competent Authority shall be obtained for structural safety of buildings due to earthquakes, adequacy of fire fighting equipment etc as per National Building Code including protection measures from lightning etc.	Undertaking by the Design architect for structural safety and adequacy report for firefighting equipment have been obtained. The copy of the same are attached as Annexure-5.
3	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.	Not applicable. The project is situated in the declared Industrial Estate of HSIIDC at IMT Kharkhoda.
4	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.	Not applicable. The project is situated in the declared Industrial Estate of HSIIDC at IMT Kharkhoda.
5	The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention &Control of Pollution) Act, 1974 from the Haryana State Pollution Control Board/ Committee.	Consent to Establish and Consent to Operate under Air & Water Acts have been obtained for Phase I.

6	The project proponent shall obtain the necessary permission for drawl of ground water / surface water required for the project from the competent authority.	Noted.
7	A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.	Assurance letter from Hayana Vidhyut Prasaran Nigam Ltd. (HVPNL) has been obtained. The same has been attached for as Annexure-6.
8	All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.	All necessary permissions from the relevant agencies have been obtained.
9	The provisions of the Solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, the Plastics Waste (Management) Rules, 2016 shall be followed.	Noted.
10	The project proponent shall follow the ECBC Act/ECBC-Rules prescribed by Bureau of Energy Efficiency, Ministry of Power strictly.	All applicable ECBC Act/ ECBC Rules are being complied.
Air Quality Monitoring and Preservation		
1	Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be complied with.	All dust mitigation measures as per Haryana SPCB guidelines and Notification GSR 94(E) dated 25.01.2018 of MoEF&CC are being complied with.
2	A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.	Dust mitigation measures as well as measures mentioned in the EMP are being followed to contain any exceedance in ambient air quality at site.
3	The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5) covering upwind and downwind directions during the construction period.	During construction phase, PM2.5 and PM10 sensors are installed at site for continuous monitoring.
4	Diesel power generating sets proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of ultra low sulphur diesel shall be ensured for DG sets. The location of the DG sets may be decided with in consultation with State Pollution Control Board.	Gas generators (GG) sets are installed at site for operations. The stack height of GG sets are as per CPCB norms.

5	Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3 meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murrum and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site.	All dust mitigation measures as per MoEFCC Notification GSR 94(E) dated 25.01.2018 of MoEF&CC are implemented at the construction site.
6	Sand, murrum, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.	Complied.
7	Wet jet shall be provided for grinding and stone cutting.	Complied.
8	Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.	Complied.
9	All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.	Noted.
10	The diesel generator sets to be used during construction phase shall be ultra low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.	Diesel generator sets used during construction phase are complying with the emission norms as mentioned in the EP Act 1986 and noise standards.
11	The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Ultra low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	Gas based generators are installed at site for operations. The stack height of GG are as per CPCB norms.
12	For indoor air quality the ventilation provisions as per National Building Code of India.	Ventilation and fresh air supply is as per National Building Code of India.

Water Quality Monitoring and Preservation

1	The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape, and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.	Noted and complied with.
2	Buildings shall be designed to follow the natural topography as much as possible. Minimum cutting and filling should be done.	The project exists within the industrial estate of HSIIDC. Hence the green area shall be developed as per the plan submitted to the authority.

3	Total fresh water use shall not exceed the proposed requirement as provided in the project details.	Noted and complied with.
4	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF& CC along with six monthly Monitoring reports.	The quantities of fresh water usage, waste water recycling shall be monitored on regular basis and submitted to MOEFCC after commencement of operations in the six monthly compliance reports.
5	A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for ground water and surface water sources, ensuring that there is no impact on other users.	Water assurance letter is obtained from the HSIIDC, IMT Kharkhoda. A copy of the same is attached as Annexure-7.
6	At least 20% of the open spaces as required by the local building bye-laws shall be pervious. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as pervious surface.	Complied.
7	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Dual plumbing for fresh water and recycled water supply is provided.
8	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.	Low flow water fixtures have been used for all relevant areas. A certificate for the same is attached as Annexure-8.
9	Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.	Dual plumbing for fresh water and recycled water supply is provided.
10	Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.	Curing agents have been used during construction phase.
11	The local bye-law provisions on rain water harvesting should be followed. If local bye law provision is not available, adequate provision for storage and recharge should be followed as per the Ministry of Urban Development Model Building Byelaws, 2016. Rain Water Harvesting pits shall be provided for ground water recharging as per the CGWB norms.	Storage lagoons with adequate volumes have been designed to store rainwater runoff. The rain water shall be discharge in the HSIIDC storm water drain as per the plan.
12	A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meters of built up area and storage capacity of minimum one day of total fresh water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and	The adequate storage capacity for rain water has been provided within the premises. No ground water abstraction is proposed for the unit and only HSIIDC supply water shall be used.

	stored for use. The ground water shall not be withdrawn without approval from the Competent Authority.	
13	All recharge should be limited to shallow aquifer.	No recharge well are proposed in the unit due to ground water level.
14	No ground water shall be used during construction phase of the project.	Complied.
15	Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.	Noted.
16	The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF&CC along with six monthly Monitoring reports.	The quantities of fresh water usage, waste water recycling shall be monitored on regular basis and submitted to MOEFCC after commencement of operations in the six monthly compliance reports.
17	Sewage shall be treated in the STP with tertiary treatment. The treated effluent from STP shall be recycled/re-used for flushing, AC make up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.	Unit has installed 70 m ³ /hr capacity of STP plant within the premises. The STP treated water is being used for horticulture purpose after meeting the prescribed limit.
18	No sewage or untreated effluent water would be discharged through storm water drains.	Noted and complied with.
19	Onsite sewage treatment of capacity of treating 100% waste water to be installed. The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be submitted to the Ministry before the project is commissioned for operation. Treated waste water shall be reused on site for landscape, flushing, cooling tower, and other end-uses. Excess treated water shall be discharged as per statutory norms notified by Ministry of Environment, Forest and Climate Change. Natural treatment systems shall be promoted.	Unit has installed 70 m ³ /hr STP plant within the premises to . The adequacy report shall be submitted before the start of operation of plant. The STP treated water is being used for horticulture purpose after meeting the prescribed limit.
20	Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	Noted and complied with.
21	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Central Public Health and Environmental Engineering Organization	The sludge from Sewage treatment plant (STP) shall be utilized as manure for the development of green area.

	(CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	
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Noise Monitoring and Prevention

1	Ambient noise levels shall conform to residential area/commercial area both during day and night as per Noise Pollution (Control and Regulation) Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB /SPCB.	Primary pollutant (PM2.5 and PM10) are monitored periodically during construction phase. Necessary dust control measures are taken for reduction of particulate matter.
2	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	To be complied during the operation of unit.
3	Acoustic enclosures for DG sets, noise barriers for ground-run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.	Acoustic enclosures are provided in all Gas based gensets.

Energy Conservation Measures

1	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. Buildings in the States which have notified their own ECBC, shall comply with the State ECBC.	All applicable ECBC Act/ ECBC Rules are being complied.
2	Outdoor and common area lighting shall be LED.	All lighting fixtures are LED based.
3	Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof R & U-values shall be as per ECBC specifications.	Concepts such as landscaping, building envelope, appropriate fenestration etc. are used while designing the buildings for energy optimization.
4	Energy conservation measures like installation of CFLs/ LED for the lighting outside the building should be integral part of the project design and should be in place before project commissioning.	All exterior lightings are LED based and have been installed at site.
5	Solar, wind or other Renewable Energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level/ local building bye-laws requirement, whichever is higher.	Solar power plant shall be installed in phased manner.

6	Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.	The project is installing 50 MWp solar power plant.
Waste Management		
1	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the M.S.W generated from project shall be obtained.	To be complied during the operation of unit.
2	Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Construction waste is being sent to authorized recycling facility.
3	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials.	The solid waste is segregated and stored as per The Solid waste management rules 2016. Sufficient bins are provided within the plant premises.
4	Organic waste compost/Vermiculture pit/Organic Waste Converter within the premises with a minimum capacity of 0.3 kg /person/day must be installed.	Organic waste shall be used to feed inhouse bio-gas plant.
5	All non-biodegradable waste shall be handed over to authorized recyclers for which a written tie up must be done with the authorized recyclers.	All non-biodegradable hazardous waste is being sent to authorized recyclers.
6	Any hazardous waste generated during construction phase, shall be disposed of as per applicable rules and norms with necessary approvals of the State Pollution Control Board.	Complied.
7	Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction material quantity. These include Fly Ash bricks, hollow bricks, AACs, Fly Ash Lime Gypsum blocks, compressed earth blocks, and other environment friendly materials.	Being complied.
8	Fly ash should be used as building material in the construction as per the provision of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016. Ready mixed concrete must be used in building construction.	Being complied.
9	Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the Construction and Demolition Rules, 2016.	The construction waste is being sent to authorized recycling facility.

10	Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/ rules of the regulatory authority to avoid mercury contamination.	The LED based lights are used within the plant premises. The same shall be disposed off via authorized recyclers.
Green Cover		
1	No tree can be felled/transplant unless exigencies demand. Where absolutely necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (planted).	The project is situated in an Industrial Estate developed by HSIIDC in IMT Kharkhoda.
2	A minimum of 1 tree (5' tall) for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should include plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.	Green area is being developed as per the layout attached as Annexure-3.
3	Where the trees need to be cut with prior permission from the concerned local Authority, compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.	The project is situated in an Industrial Estate developed by HSIIDC in IMT Kharkhoda.
4	Topsoil should be stripped to a depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stockpiled appropriately in designated areas and reapplied during plantation of the proposed vegetation on site.	Top soil was removed and stored for reuse in landscape area development.
Transport		
1	A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public, and private networks. Road should be designed with due consideration for environment, and safety of users. The road system can be designed with these basic criteria. a) Hierarchy of roads with proper segregation of vehicular and pedestrian traffic. b) Traffic calming measures. c) Proper design of entry and exit points. d) Parking norms as per local regulation.	To be complied in during operation phase of the plant.
2	Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.	All building material carrier trucks are PUC certified.

3	A detailed traffic management and traffic decongestion plan shall be drawn up to ensure that the current level of service of the roads within a 05 kms radius of the project is maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of all development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management plan shall be duly validated and certified by the State Urban Development department and the P.W.D./competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.	To be complied in during operation phase of the plant.
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Human Health Issues

1	All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.	Complied.
2	For indoor air quality the ventilation provisions as per National Building Code of India.	Ventilation and fresh air supply is as per National Building Code of India.
3	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	The emergency preparedness plan shall be implemented during the execution of the project.
4	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Facilities like canteen, mobile toilets, safe drinking water, medical health care have been provided onsite for construction labours.
5	Occupational health surveillance of the workers shall be done on a regular basis.	During operation phase, regular occupational health checkups shall be carried out.
6	A First Aid Room shall be provided in the project both during construction and operations of the project.	The First Aid Room have been provided during construction phase. The same shall be provided in the operational phase as well.

Miscellaneous

1	The project proponent shall prominently advertise it at least in two local news papers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEFCC/SEIAA website where it is displayed.	Advertisement has been done in two local newspapers; 1. Dainik Jagran 2. The Tribune Newspaper clips are attached as Annexure-9.
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2	The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30days from the date of receipt.	The copies are already submitted to nearby gram panchayat, municipal corporation, pollution control board and district commissioner office. Receiving copies have been attached as Annexure-10.
3	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	To be complied after submission of six-monthly compliance report
4	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	To be complied after submission of six-monthly compliance report.
5	The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	The Environmental Policy duly approved by the management is attached as Annexure-11.
6	A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.	The Environment cell has been set up for compliance of EC conditions.
7	Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.	The Environment Management plan (EMP) is already submitted to the authority. The year wise expenses on the given EMPs shall be shared periodically.
8	The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Environment Statement (Form V) shall be submitted to Haryana State Pollution Control Board (HSPCB) within the prescribed timelines.

9	The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	Noted. The information shall be submitted to MoEFCC and HSPCB during the six-monthly compliance report.
10	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.	Noted.
11	The project proponent shall abide by all the commitments and recommendations made in the form-IA, Conceptual Plan and also that during their presentation to the Expert Appraisal Committee.	Noted and complied with.
12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).	Noted.
13	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
14	The Ministry/SEIAA may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
15	The Ministry/SEIAA reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted.
16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information/monitoring reports.	Noted and complied with.
17	The above conditions shall be enforced, inter-alia under the provisions of the Water(Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.	Necessary approvals shall be taken for the start of operations under the relevant law.
18	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
NORHTERN REGIONAL OFFICE
CHANDIGARH

DATA SHEET

1.	Project Type: River Valley/ Mining / Industry/Refinery/Transportation/Tourisms/Thermal /Nuclear/Other (Specify)	Industrial shed for Automobile Manufacturing (integrated facilities) Unit
2.	Name of the Project:	Proposed expansion of Industrial shed for Automobile Manufacturing (Integrated facilities) Unit situated at Plot No. 831, Industrial Model Township (IMT) Kharkhoda, Sonipat, Haryana, Pincode-131402
3.	Clearance letter (s)/O.M No. & dates:	1. EC Identification No. :EC24B3813HR5187061N dated 28.05.2024. 2. EC corrigendum memo no. SEIAA(179)/(HR)/2024/252 dated 27.08.2024.
4.	Location: a) District (s) b) State (s) c) Latitudes/longitudes	District: Sonipat State: Haryana Latitude: 28°49'56.15" N Longitude: 76°55'42.79" E
5.	Address for correspondence: a) Address for Correspondence b) Address of executive Project In-charge	Mr. Paresh Mani Sharma Deputy General Manager-Environment Maruti Suzuki India Limited Email: PareshMani.Sharma@maruti.co.in Phone: 0124 – 2346721 ~ 30 Extn: 3583 Mr. Kazunari Yamaguchi Director, Maruti Suzuki India Limited Sonipat, Haryana Email: Kazunari.Yamaguchi@maruti.co.in
6.	Salient features: a) Of the project b) Of the environmental management plans	Salient features of the project and Environment Management plan details are enclosed in Annexure A .
7.	Breakup of the project area: a) Submergence area: Forest & Non-forest. b) Others	Not Applicable. The project is located inside the already defined industrial land of IMT Kharkhoda.
8.	Break up of project affected population with enumeration of those losing houses /dwelling units and agricultural land only both dwelling units and agricultural land and landless labourers/artisans.	Not Applicable.

	<p>a) SC/ST/Adivasis b) Others (Please Indicate whether these figures are based on any scientific and systematic survey carried out only provisional figures. If a survey has been carried out , give details and year of survey)</p>	
9.	<p>Financial details:</p> <p>a) Project cost as originally planned and subsequent revised estimates and the year of price reference.</p> <p>b) Allocations made for environmental management plans with item wise and year wise breakup.</p> <p>c) Benefit cost ratio /internal Rate of Return and the year of assessment.</p> <p>d) Whether (c) includes the cost of environmental management as shown in b) above.</p> <p>e) Actual expenditure incurred on the project so far.</p> <p>f) Actual expenditure incurred on the environment management plans so far.</p>	<p>Project Cost: Rs. 37,659.58 Cr</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p> <p>-</p>
10.	<p>Forest land requirement:</p> <p>a) The status of approval for diversion of forest land for non- forestry use.</p> <p>b) The status of clear felling.</p> <p>c) The status of compensatory afforestation if any.</p> <p>d) Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far.</p>	<p>Not Applicable</p>
11.	<p>The Status of clear felling in the non-forest areas (Such as submergence area of non-reservoir, approach road) if any, with quantitative information.</p>	<p>Not Applicable</p>
12.	<p>Status of Construction:</p> <p>a) Date of Commencement (actual and /or planned)</p> <p>b) Date of completion (actual and /or planned)</p>	<p>The construction of the project is likely to be completed in 60 months after date start of construction of the project.</p>
13.	<p>Reasons for the delay if the project is yet to start:</p>	<p>Not applicable.</p>

SALIENT FEATURES OF PROJECT:

1. Name of the Project : Industrial shed for Automobile Manufacturing, (integrated facilities) Unit.
2. Capacity : Passenger Cars & Utility Vehicles = 4286 nos./ annum
Transmission Assembly = 5714 nos./ annum
Engine Assembly = 4286 nos./ annum
3. Location : Maruti Suzuki India Limited, IMT Kharkhoda, Sonipat.
4. Total project cost : Rs. 37,659.58 Crores
5. Land Area : **2940663.45** sq m

ENVIRONMENTAL MANAGEMENT PLAN***Water Pollution control:***

- Entire wastewater will be treated and reused for landscaping.
- Waste oil generated during maintenance of construction equipment will be collected and provided to approve waste oil recyclers for recycling and reuse.
- Municipal and other wastes generated at the proposed project will be collected and disposed suitably as per standards practices and regulatory requirement.
- Suitable drainage network would be made to ensure proper draining of wastewater from the construction sites, so that such water do not form stagnant pools nor aggravate soil erosion.

Air Pollution control:

- Water sprinkling and transporting construction materials with tarpaulin coverage during the construction stage. During the sub-grade construction, sprinkling of water will be carried out on regular basis during the entire construction period, especially in the winter and summer seasons. Special attention will be given in the sections where the alignment passes through sensitive areas such as schools, hospitals, and urban areas. As soon as construction is over the surplus earth will be utilized properly and in no case, loose earth will be allowed to pile up along the alignment.
- All the vehicles used during the construction stage to have valid PUC certificate.
- Integration with the local government awareness campaign programs on good practices of vehicle maintenance etc. to reduce the air emissions.

Noise Pollution Control:

- Ear plugs and Earmuffs shall be provided to the workers at construction site.
- All the construction sites will be provided with barricades.
- Big foliage trees shall be planted around the periphery of the construction site.
- Provision of silencers at the exit of noise source on the machinery.

- Vehicles shall be properly maintained and serviced.

Ground Water:

- Rainwater harvesting lagoons have been constructed to take care of surface run off and recharge the aquifers.

Green belt development:

- Adequate green area will be developed with local area species having capacities to reduce SPM and noise levels.

PESO Licenses



भारत सरकार

Government of India

वाणिज्य और उद्योग मंत्रालय

Ministry of Commerce & Industry

पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पैसो)

Petroleum & Explosives Safety Organisation (PESO)

हाल संख्या 502 एवं 507, लेवल-5, ब्लॉक II, पुराना सी.जी.ओ. कॉम्प्लेक्स, एन.एच.4

फरीदाबाद- 121001

Hall No. 502 & 507, Level 5, Block B,

Old CGO Complex, NH-4,

Faridabad - 121001

E-mail : jtccefaridabad@explosives.gov.in

Phone/Fax No : 0129 - 2410734, 2410732

संख्या /No. : P/NC/HN/16/145 (P557736)

दिनांक /Dated : 01/07/2024

सेवा में /To,

M/s. MARUTI SUZUKI INDIA LIMITED,
Plot no.831,
IMT Kharkhoda,
Taluka: Kharkhoda,
District: SONIPAT,
State: Haryana
PIN: 131402

विषय /Sub Plot No. 831, IMT KHARKHODA, MARUTI SUZUKI CHOWK, Kharkhoda, Taluka: Kharkhoda, District: SONIPAT, State: Haryana, PIN: 131402 में प्रस्तावित पेट्रोलियम वर्ग A भंडारण शेड - अनुज्ञप्ति जारी करने के संबंध में।

Petroleum Class A Storage Shed at Plot No. 831, IMT KHARKHODA, MARUTI SUZUKI CHOWK, Kharkhoda, Taluka: Kharkhoda, District: SONIPAT, State: Haryana, PIN: 131402 - Regarding Grant of licence

महोदय
/Sir(s),

कृपया आपके पत्र क्रमांक OIN1698756 दिनांक 24/06/2024 का अवलोकन करें।

Please refer to your letter No. OIN1698756 dated 24/06/2024.

विषयान्तर्गत परिसर में निम्नलिखित पेट्रोलियम पदार्थों के वर्ग तथा मात्रा के भंडारण के लिए पेट्रोलियम नियम, 2002 के अधीन प्ररूप - XVI में जारी, दिनांक 31/12/2027 तक वैध अनुज्ञप्ति संख्या P/NC/HN/16/145 (P557736) दिनांक 01/07/2024 अग्रहित की जा रही है।

Licence No. P/NC/HN/16/145 (P557736) dated 01/07/2024 granted in Form XVI under the Petroleum Rules, 2002 and valid till 31/12/2027 for the storage of the following kind and quantities of Petroleum at the subject premises is forwarded herewith.

पेट्रोलियम का विवरण /Description of Petroleum	किलोलीटरों में अनुज्ञप्ति क्षमता /Quantity licenced in KL
पेट्रोलियम वर्ग क /Petroleum Class A	25.00 KL
पेट्रोलियम वर्ग ख /Petroleum Class B	NIL
पेट्रोलियम वर्ग ग /Petroleum Class C	NIL
कुल क्षमता /Total Capacity	25.00 KL

रैफिनेट तथा स्लॉप (अधिग्रहण, विक्रय, भंडारण और ऑटोमोबाइल में उपयोग की रोकथाम) आवश्यकता/प्रावधान का कृपया पालन करें।

Please follow the requirement/provision of " Solvent, Raffinate and Slop (Acquisition, Sale, Storage & Prevention of use in Automobiles)" Order 2000 notified by Government of India, Ministry of Petroleum and Natural Gas vide G.S.R. 519(E) dated 05/06/2000

फिर भी, यह अनुमोदन/अनुमति अन्य प्राधिकारियों से आवश्यक अनुमति/क्लीयरन्स प्राप्त करने से या यथा लागू अन्य विधियों से छूट नहीं देती है।

This approval/permission, however, does not absolve from obtaining necessary permission/clearance from other authorities or under other statutes as applicable.

भवदीय /Yours faithfully,

(कुंवर पाल सिंह)

(Kunwar Pal Singh)

उप विस्फोटक नियंत्रक

Dy. Controller of Explosives

कृते संयुक्त मुख्य विस्फोटक नियंत्रक

For Jt. Chief Controller of Explosives

फरीदाबाद/Faridabad

Copy forwarded to :-

1. The District Magistrate, SONIPAT(Haryana) with reference to his NOC No 1414 to 1416 Dated 25/10/2023

For Jt. Chief Controller of Explosives

Faridabad

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क तथा अन्य विवरण के लिए हमारी वेबसाइट <http://peso.gov.in> देखें)

(For more information regarding status,fees and other details please visit our website <http://peso.gov.in>)

Note:-This is system generated document does not require signature.

Digitally signed by KUNWAR PAL SINGH

Reason: Licence No. : P/NC/HN/16/145

Location:North Circle [P557736]

Date:01-07-2024 11:43:51 AM



भारत सरकार /Government of India

वाणि और उद्योग मंत्रालय/Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन /Petroleum & Explosives Safety Organisation (PESO)
हाल संख्या 502 एवं 507, लेवल-5, ब्लॉक II, पुराना सी.जी.ओ. कॉम्प्लेक्स, एन.एच.4
फरीदाबाद- 121001
Hall No. 502 & 507, Level 5, Block B,
Old CGO Complex, NH-4,
Faridabad - 121001

ईमेल-E-mail : jtccefariabad@explosives.gov.in

दूरभाष/Phone/Fax No : 0129 - 2410734, 2410732

दि Dated : 14/10/2024

सं./No : G/NC/HN/07/409(G116243)

सेवा में/To,

M/s. MARUTI SUZUKI INDIA LIMITED,
Plot no.831,,
IMT Kharkhoda
Kharkhoda,
Sonipat,
Taluka: Kharkhoda,
District: SONIPAT
State: Haryana
Pin : 131402

विषय/Sub : Plot No, 831, IMT - Kharkhoda, Kharkhoda, Kharkhoda, Taluka: Kharkhoda, District: SONIPAT, State: Haryana, Pin : 131402. म. सिलडरों में सी.एन.जी./सी.बी.जी. गैस का भरण- गैस सिलडर नियम, 2016 के अंतर्गत जारी अनुमति सं. G/NC/HN/07/409(G116243) के नवीकरण के बारे में/ Renewal of Licence for CNG/CBG at Plot No, 831, IMT - Kharkhoda, Kharkhoda, Kharkhoda, Taluka: Kharkhoda, District: SONIPAT, State: Haryana, Pin : 131402. Licence No G/NC/HN/07/409(G116243) granted in Form G of Gas Cylinders Rules, 2016 - Renewal regarding.

महोदय/Sir(s),

कृपया आपके दि. 30/09/2024 के पत्र सं. OIN1782523 का संदर्भ ग्रहण कर/Please refer to your application No.OIN1782523 dated 30/09/2024 .

इसके साथ सीएनजी/सीबीजी डिपेंडिंग की अनुमति सं. G/NC/HN/07/409 दि.30/09/2026 तक विधिवत नवीकृत कर भेजी जा रही है/ Licence for CNG/CBG Dispensing G/NC/HN/07/409 sent here with duly renewed upto 30/09/2026 .

कृपया गैस सिलडर नियमों के नियम 55 में निर्धारित प्रक्रिया का कड़ाई से पालन कर तथा अनुमति के नवीनीकरण हेतु पूर्ण दस्तावेज Jt. Chief Controller of Explosives, North Circle, FARIDABAD प्रेषित कर ताकि वह अनुमति की समाप्ति की तारीख 30 सितंबर 2026 को या उससे पहले उनके कार्यालय में पहुंच जाएं. कृपया नोट कर कि सिलडरों का आवधिक परीक्षण और जांच इस कार्यालय द्वारा प्रमाणित परीक्षण को ही किया जाए. / Please follow the procedure strictly as laid down in rule 55 of the Gas Cylinder Rules, 2016 and submit complete documents for renewal of the licence to the Jt. Chief Controller of Explosives, North Circle, FARIDABAD, so as to reach his office on or before the date of expiry i.e. 30th Sept. 2026 to avoid late fee. It may please be noted that periodically testing and examination of the cylinders should be done at a testing station duly recognized by this office for the purpose.

कृपया इस पत्र की प्राप्ति की पावती दें /Please acknowledge the receipt of the same licence.

भवदीय/Yours faithfully,

((कुंवर पाल सिंह)
(Kunwar Pal Singh)
उप विस्फोटक नियंत्रक
Dy. Controller of Explosives
कृते संयुक्त मुद्रा विस्फोटक नियंत्रक
For Jt. Chief Controller of Explosives
फरीदाबाद/Faridabad

[अधिक जानकारी जैसे आवेदन की प्रिथिति, शुल्क तथा अन्य विवरण के लिए कृपया हमारी वेबसाइट <http://peso.gov.in> देखें।
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

Note:-This is system generated document does not require physical signature.

प XV
(थम अनुसूची का अनु 6 दे.खए)
FORM XV
(see Article 6 of the First Schedule)

अधिकापनों म.पेट्रोलियम के आयात और भंडारकरण के लिए अनु
LICENCE TO IMPORT AND STORE PETROLEUM IN AN INSTALLATION

अनु सं. (Licence No.): P/NC/HN/15/2037(P559553)

फीस रूपए (Fee Rs.) 5500/- per year

M/s. MARUTI SUZUKI INDIA LIMITED, PALAM GURGAON ROAD , Taluka: Gurgaon, District: GURGAON, State: Haryana, PIN: 122015 को केवल इसमें यथा विनिर्दिष्ट वर्ग और मात्राओं में पेट्रोलियम 60.00 KL आयात करने के लिए और उसका, नीचे वर्णित और अनुमोदित नक्शा सं P/NC/HN/15/2037(P559553) तारीख 05/07/2024 जो कि इससे उपाब हैं, में दिखाए गए स्थान पर भंडारकरण के लिए पेट्रोलियम अधिनियम, 1934 के उपबंधों या उसके अधीन बनाए गए नियमों तथा इस अनु की अतिरि शत के अधीन रहते हुए, यह अनु की अनुद की जाती हैं।

Licence is hereby granted to M/s. MARUTI SUZUKI INDIA LIMITED, PALAM GURGAON ROAD , Taluka: Gurgaon, District: GURGAON, State: Haryana, PIN: 122015 valid only for the importation and storage of 60.00 KL Petroleum of the class and quantities as herein specified and storage thereof in the place described below and shown on the approved plan No P/NC/HN/15/2037(P559553) dated 05/07/2024 attached hereto subject to the provisions of the Petroleum Act, 1934 and the rule made thereunder and to the further conditions of this Licence.

यह अनु 31st day of December 2033 तक वृत रहेगी।
The Licence shall remain in force till the 31st day of December 2033

पेट्रोलियम का विवरण /Description of Petroleum	अनु मात्रा (किलोलीटरों में) /Quantity licenced in KL
वर्ग क पुंज पेट्रोलियम /Petroleum Class A in bulk	60.00 KL
वर्ग क पुंज पेट्रोलियम से भि /Petroleum Class A, otherwise than in bulk	NIL
वर्ग ख पुंज पेट्रोलियम /Petroleum Class B in bulk	NIL
वर्ग ख पुंज पेट्रोलियम से भि /Petroleum Class B, otherwise than in bulk	NIL
वर्ग ग पुंज पेट्रोलियम /Petroleum Class C in bulk	NIL
वर्ग ग पुंज पेट्रोलियम से भि /Petroleum Class C, otherwise than in bulk	NIL
कुल क्षमता /Total Capacity	60.00 KL

July 5, 2024

For Jt. Chief Controller of Explosives
NC, Faridabad

अनु परिसरों का विवरण और अवस्थान
DESCRIPTION AND LOCATION OF THE LICENSED PREMISES

अनु परिसर जिसकी विास सीमाएं अ विशि यां संल अनुमोदित नक्शों में दिखाई गई हैं Khasra No: / Plot No- 831, -, Industrial Model Town, Sonipat, Taluka: Kharkhoda, District: SONIPAT, State: Haryana, PIN: 131402 स्थान पर अवस्थित है तथा उसमें नि लिखित 3 Under Ground tank(s) for CLASS A स लित हैं।

The licensed premises, the layout, boundaries and other particulars of which are shown in the attached approved plan are situated at Khasra No: / Plot No- 831, -, Industrial Model Town, Sonipat, Taluka: Kharkhoda, District: SONIPAT, State: Haryana, PIN: 131402 and consists of 3 Under Ground tank(s) for CLASS A together with connected facilities.

Note:-This is system generated document does not require signature.



भारत सरकार/Government of India
वाणि और उद्योग मंत्रालय /Ministry of Commerce & Industry
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो)/Petroleum & Explosives Safety Organisation (PESO)
पाँचवा तल, ए-ब्लॉक, सी.जी.ओ. कॉम्प्लेक्स,
सेमिनरी हिल्स, नागपुर
5th Floor, A-Block, CGO Complex, Seminary Hills,
Nagpur - 440006

ई-मेल/E-mail : explosives@explosives.gov.in
फोन / फ़ैक्स नंबर:/Phone/Fax No : 0712 -2510248,
Fax-2510577

क्र./No : S/HO/HN/03/677(S106903)

दिनांक :/Dated : 02/05/2024

पत्र / M E M O R A N D U M

Sub IMT Kharkhoda, Kharkhoda, Sonipat, Taluka: Kharkhoda, District: SONIPAT, State: Haryana,
: PIN: 131402 थित संस्थापन में MARUTI SUZUKI INDIA LIMITED, IMT Kharkhoda, Kharkhoda, Sonipat, Taluka: Kharkhoda, District: SONIPAT, State: Haryana,
PIN: 131402। रा 2 दाब पा / पाँच में PROPANE, के भण्डारण के लिए थिर एवं गतिशील दाब पा (अलित) नियम, 2016 के अधीन अनुविधिकृती के संबंध में।
/Storage of the compressed gas PROPANE, in 2 Number(s) of pressure vessels by MARUTI SUZUKI INDIA LIMITED, IMT Kharkhoda, Kharkhoda, Sonipat, Taluka: Kharkhoda, District: SONIPAT, State: Haryana, PIN: 131402 -Grant of licence under SMPV(U)Rules,2016.

थिर एवं गतिशील दाब पा (अलित) नियम, 2016 के रूप - एलएस-1क में दिनांक 30 सितंबर 2028 तक वैध मेसस MARUTI SUZUKI INDIA LIMITED, IMT Kharkhoda, Kharkhoda, Sonipat, Taluka: Kharkhoda, District: SONIPAT, State: Haryana,

PIN: 131402 को निम्नलिखित संपीड़ित गैस के कार एवं माता के विषयागत संस्थापन हेतु जारी अनुविधिकृत S/HO/HN/03/677 दिनांक May 2, 2024 की दो प्रतियां the Jt. Chief Controller of Explosives, North Circle, Faridabad को अग्रेषित की जा रही हैं।

Two Copies of Licence No. S/HO/HN/03/677 dated May 2, 2024 in Form LS-1A/B of SMPV(U) Rules,2016 granted to MARUTI SUZUKI INDIA LIMITED, IMT Kharkhoda, Kharkhoda, Sonipat, Taluka: Kharkhoda, District: SONIPAT, State: Haryana,

PIN: 131402, for the subject for storage of following kinds and quantities of compressed gas valid upto 30th September 2028, are forwarded to the Jt. Chief Controller of Explosives, North Circle, Faridabad. A copy of the set of certificates and list of competent persons are enclosed herewith.

Vessel No./वैसल नंबर	Name of Gas/गैस का नाम	State of Gas/गैस की स्थिति	Water Capacity in cubic meter/जल क्षमता (घ.मी.)	Max. working Pre.(kg/cm ²)/अधिकतम वर्किंग प्रेशर	Quantity Granted in kgs(Liquified gas)/किलोग्राम में जारी मात्रा (लिक्विफाईड गैसेस)
STPL-442/23	PROPANE	Liquified	72.00	21	30164
STPL-443/23	PROPANE	Liquified	72.00	21	30164
Total Water capacity			144.00		

उनसे अनुरोध है कि विषयांतगत परिसर का निरीक्षण करें और यदि वह इस बात से संतुष्ट हैं कि अनुविधिकृती में दी गई सभी शर्तों का तथा नियमों के सभी प्रावधानों का पालन हो रहा है तो वे इस कार्यालय को सूचित करते हुए अनुविधिकृती की मूल प्रतियां पृष्ठांकित कर सीधे अनुविधिकृतीधारी को सौंप दें। यदि वे अनुविधिकृती को पृष्ठांकित न करने का निणय लेते हैं तो तुरंत ऐसा करने का कारण बताते हुए तीन महीनों के भीतर अनुविधिकृती कार्यालय को लौटा दें। / He is requested to inspect the premises and if he is satisfied that the storage installation conforms to the approved plan and all the conditions of licence are complied with, he may endorse the licence and forward it to the licensee under intimation to this office. If however, he decides not to endorse the licence, he may return the same to this office with reasons for not endorsing, not later than three months.

Yours faithfully,

संलग्न : यथोपरि/Encl:As above

((प्रशांत यादव)
(PRASHANT YADAV))

उप वि० टोक नियं०क
Dy. Controller of Explosives
कृते मु० वि० टोक नियं०क
For Chief Controller of Explosives
नागपुर/Nagpur

To :
the Jt. Chief Controller of Explosives, North Circle, Faridabad

Copy forwarded to :-

1. M/s. MARUTI SUZUKI INDIA LIMITED, Plot no.831,,IMT KharkhodaKharkhoda, Sonipat, Taluka: Kharkhoda, District: SONIPAT State: Haryana Pin : 131402. with Reference to their letter No. OIN1646301 dated 01/04/2024. The facilities shall not be taken into use until written permission is obtained from the respective office of the Organization. The provisions of the Rule 55 of the above said Rules shall be followed for further renewal of the licence beyond 30/09/2028. The renewal application along with fees, Original licence and other documents shall reach in the office of Jt. Chief Controller of Explosives, North Circle, FARIDABAD, so as to reach his office on or before the dated of expiry i.e 30/09/2028.

For Chief Controller of Explosives
HQ, Nagpur
कृते मु० वि० टोक नियं० क
नागपुर

(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

Note:-This is system generated document does not require physical signature.

Insurance Policy
under Public
Liability Insurance
Act

CONTRACT OF INSURANCE

INSURED NAME: MARUTI SUZUKI INDIA LIMITED



INSURER: IFFCO TOKIO General Insurance Company Limited

Policy Type - Public Liability- Act

Policy Period - (01/04/2024 to 31/03/2025)

Servicing Branch : Japanese
Policy Issuing Office : IFFCO TOKIO GEN INSU. CO. LTD. PLOT NO-03 IFFCO TOWER,, 4th FLOOR,SECTOR-29 GURGAON
GURGAON , HARYANA - 122001 , GSTIN - 06AAACI7573H1ZG
Issuing Office GSTIN : 06AAACI7573H1ZG
Corporate Office : IFFCO TOKIO GEN INSU. CO. LTD.4th - 5th Floor, IFFCO TowersPlot No 3, Sector 29, GURGAON
(HARYANA) - 122001
Policy No : 41089482
Unique Invoice No : 41089482
Invoice Date : 30/04/2024
SAC : 997139
Intermediary Details : M/S MARUTI INSURANCE BROKING P

POLICY SCHEDULE CUM TAX INVOICE

Insured	MARUTI SUZUKI INDIA LIMITED																												
GSTIN	06AAACM0829Q1Z8																												
Address	Old Palam,																												
	Gurgaon Road																												
	Gurgaon																												
	India																												
	Pin Code	122001																											
Place of Supply	HARYANA																												
CKYC Number	NA																												
Contact No	*****024																												
Email	he****@iffcotokio.co.in																												
Business Description	Automobile Manufacturing																												
Policy Period	01/04/2024- 31/03/2025																												
Co Insurance Details	NA																												
Limit of Liability	Cover																												
	50,000,000 per occurrence and 150,000,000 in the aggregate																												
Deductible	NA																												
Territorial Limits	INDIA																												
Jurisdiction	INDIA																												
Turnover Details	INR 1,523,215,000,000																												
Policy Type	Occurrence Based																												
Premium	<table> <tr> <td>Premium Excluding Taxes:</td> <td>INR</td> <td>30,500.00</td> </tr> <tr> <td>CESS (0%):</td> <td>INR</td> <td>0.00</td> </tr> <tr> <td colspan="3">GST</td> </tr> <tr> <td>- SGST (9%):</td> <td>INR</td> <td>2,745.00</td> </tr> <tr> <td>- UGST (0%):</td> <td>INR</td> <td>0.00</td> </tr> <tr> <td>- CGST (9%):</td> <td>INR</td> <td>2,745.00</td> </tr> <tr> <td>- IGST (0%):</td> <td>INR</td> <td>0.00</td> </tr> <tr> <td>ERF Amount:</td> <td>INR</td> <td>30,500.00</td> </tr> <tr> <td>Total Premium / Invoice Value :</td> <td>INR</td> <td>66,490.00</td> </tr> </table>		Premium Excluding Taxes:	INR	30,500.00	CESS (0%):	INR	0.00	GST			- SGST (9%):	INR	2,745.00	- UGST (0%):	INR	0.00	- CGST (9%):	INR	2,745.00	- IGST (0%):	INR	0.00	ERF Amount:	INR	30,500.00	Total Premium / Invoice Value :	INR	66,490.00
Premium Excluding Taxes:	INR	30,500.00																											
CESS (0%):	INR	0.00																											
GST																													
- SGST (9%):	INR	2,745.00																											
- UGST (0%):	INR	0.00																											
- CGST (9%):	INR	2,745.00																											
- IGST (0%):	INR	0.00																											
ERF Amount:	INR	30,500.00																											
Total Premium / Invoice Value :	INR	66,490.00																											
GST Related Declarations	Whether GST is Payable on Reverse Charge Basis- No																												
	We hereby declare that though our aggregate turnover in any preceding financial year from 2017-18 onwards is more than the aggregate turnover notified under sub-rule (4) of rule 48, we are not required to prepare an invoice in terms of the provisions of the said sub-rule.																												
Other Terms and Conditions	All Other terms & conditions as per Policy Wordings attached.																												

Disclaimer:

The issuance of this Insurance Policy is subject to satisfactory verification of KYC documentation of the Client/ Policyholder as per IRDAI Master Circular dated 1st August 2022 on AML/ CFT. In case, if any discrepancy is found in KYC Verification of the Client/ Policyholder, it is agreed by the Client/ Policyholder to complete/ rectify the discrepancy found in the KYC documents/information for the generation of CKYC Number, failing which the policy will be considered ineffective/suspended/ cancelled and no claim will be payable under this Insurance Policy.

Toll Free: 1-800-103-5499; SMS "claim" to 56161
SAC Code: 9971
Regd. Office: IFFCO SADAN, C1 Distt Centre, Saket, New Delhi -110017
Corporate Identification Number (CIN) U74899DL2000PLC107621, IRDA Reg. No. 106
Consolidated Stamp Duty Deposited as per the order of Government of National Capital Territory of Delhi

For IFFCO-Tokio General Insurance Company Limited



Authorised Signatory

Regd. Office: IFFCO Sadan
C-1 Dist. Centre, Saket,
New Delhi-110017
CIN: U74899DL2000PLC107621

POLICY FORM
(PUBLIC LIABILITY INSURANCE – ACT ONLY POLICY)

1. OPERATIVE CLAUSE

Whereas the Insured Owner, named in the Schedule hereto and carrying on business described in the said Schedule, has applied to IFFCO-TOKIO General Insurance Co. Ltd. (hereinafter called the Company) for the indemnity hereinafter contained and has made a written proposal and declaration which shall be the basis of this contract and is deemed to be incorporated herein and has paid the premium and statutory contribution towards the Environment Relief Fund as per the provisions of the Public Liability Insurance Act and the rules framed thereunder.

NOW THIS POLICY WITNESSETH that subject to the terms, exceptions and conditions contained herein or endorsed hereon, the company will indemnify the insured owner against the statutory liability arising out of accidents occurring during the currency of the policy due to handling hazardous substances as provided for in the said act and the rules framed thereunder.

2. DEFINITIONS

- a) "Act" unless otherwise specifically mentioned shall mean the Public Liability Insurance Act, 1991.
- b) "Accident" means an accident involving a fortuitous or sudden or unintentional occurrence while handling any hazardous substance resulting in continuous, intermittent or repeated exposure to death of, or injury to any person or damage to any property but does not include an accident by reason only of war or radio-activity.
- c) "Handling" in relation to any hazardous substance, means the manufacture, processing, treatment, package, storage, transportation by vehicle, use, collection, destruction, conversion, offering for sale, transfer or the like of such hazardous substance.
- d) "Hazardous Substance" means any substance or preparation which is defined as hazardous substance under the Environment (Protection) Act, 1986, and exceeding such quantity as may be specified, by notification, by the Central Government.
- e) "Owner" means a person who owns, or has control over handling any hazardous substance at the time of accident and includes:-
- (i) in the case of a firm, any of its partners;
- (ii) in the case of an association, any of its members, and
- (iii) in the case of a company, any of its directors, managers, secretaries or other officers who is directly in-charge of and is responsible to the company for the conduct of the business of the company.
- (f) "Turnover" shall mean –
- i) Manufacturing units – Annual Gross Sales including all levies and taxes.
- ii) Godown/warehouse owners – Annual rental receipts.
- iii) Transport Operators – Annual freight receipts
- iv) Others – Annual gross receipts

3. EXCLUSIONS

This Policy does not cover liability:

- (1) arising out of willful or intentional non-compliance of any Statutory Provisions.
- (2) in respect of fines, penalties, punitive and/or exemplary damages.
- (3) arising under any other legislation except in so far as is provided for in Section 8 Sub-Section (1) and (2) of the Act.
- (4) arising out of damage to property owned, leased or hired or under hire purchase or on loan to the Insured or otherwise in the Insured's control, care or custody.
- (5) directly or indirectly occasioned by, happening through or in consequence of war, invasion, act of foreign enemy, hostilities (whether war be declared or not), civil war, rebellion, revolution, insurrection or military or usurped power.
- (6) directly or indirectly caused by or contributed to by
- a) ionizing radiations or contamination by radio activity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel.
- b) the radioactive, toxic, explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof.

4. CONDITIONS

- (1) The Insured Owner shall give written notice to the Company as soon as reasonably practicable of any claim made against the Insured Owner or any specific event or circumstance that may give rise to a claim. The Insured shall immediately give to the Company copies of notice of application(s) forwarded by the Collector and all such additional information and or assistance that the Company may require.
- (2) No admission, offer, promise or payment shall be made or given by or on behalf of the Insured owner under this policy without the written consent of the Company.
- (3) The Company shall not be liable for any claims for relief made after five years from the date of occurrence of the accident.
- (4) The Insured Owner shall keep record of annual turnover, and at the time of renewal of insurance declare such turnover and all other details as may be required by the Company. The Company shall at all reasonable times have full rights to call for and examine such records.
- (5) If at the time of happening of any accident, resulting in a claim under this policy, there be any other insurance covering the same liability, then the Company shall not be liable to pay or contributes more than its ratable proportion of such liability.
- (6) This Policy may be cancelled by the Insured Owner by giving 30 days notice in writing to the Company in which event the Company will retain premium at short period scale subject to there not having occurred an accident during the policy period which may give rise to a claim(s), failing which no refund of premium shall be allowable.
- (7) This Policy may also be cancelled by the Insurer by giving 30 days notice in writing to the Insured Owner in which event the Company shall be liable to repay on demand a rateable proportion of the premium for the unexpired term from the date of cancellation.
- (8) If the Company shall disclaim liability to the Insured Owner for any claim hereunder and such claim shall not within 12 calendar months from the date of such disclaimer have been made the subject matter of a suit in a competent court of law, then the claim for all practicable purposes shall be deemed to have been abandoned and shall not thereafter be recoverable hereunder or be made the subject matter of any suit.
- (9) The Company shall not be liable to make any payment in respect of any claim if such claim shall be in any manner fraudulent or supported by any person on behalf of the Insured and/or if the insurance has been continued in consequence of any material mis-statement or non-disclosure of any material information by or on behalf of the Insured. In such a case, if the Company pays any amount to the claimant due to any statutory provisions, such amount shall be recoverable from the Insured.
- (10) The Policy and the Schedule shall be read together as one contract and any word or expression to which a specific meaning has been assigned in the Act and the Rules framed thereunder or this Policy shall bear such specific meaning.
- (11) Any dispute regarding interpretation of the terms, conditions and exceptions of this Policy shall be determined in accordance with the law and practice of a court of competent jurisdiction within India.

GRIEVANCE OR COMPLAINT

In case of any grievance, **We** can be contacted at:

Website: <https://www.iffcotokio.co.in/customer-services/grievance-redressal>
Toll free: 1800-103-5499
E-mail: support@iffcotokio.co.in
Courier: Chief Grievance Officer
IFFCO-Tokio General Insurance Co Ltd
IFFCO Tower, Plot no. 3
Sector -29, Gurgaon – 122001

For updated details of grievance officer, kindly refer the link
<https://www.iffcotokio.co.in/customer-services/grievance-redressal>.

Grievance may also be lodged at IRDAI Integrated Grievance Management System
- <https://bimabharosa.irdai.gov.in/>

CONTRACT OF INSURANCE

INSURED NAME: MARUTI SUZUKI INDIA LIMITED



INSURER: IFFCO TOKIO General Insurance Company Limited

Policy Type - Public Liability Industrial

Policy Period - (01/04/2024 to 31/03/2025)

Servicing Branch : Japanese
Policy Issuing Office : IFFCO TOKIO GEN INSU. CO. LTD. PLOT NO-03 IFFCO TOWER,, 4th FLOOR,SECTOR-29 GURGAON
GURGAON , HARYANA - 122001 , GSTIN - 06AAACI7573H1ZG
Issuing Office GSTIN : 06AAACI7573H1ZG
Corporate Office : IFFCO TOKIO GEN INSU. CO. LTD.4th - 5th Floor, IFFCO TowersPlot No 3, Sector 29, GURGAON
(HARYANA) - 122001
Unique Invoice No : 41089481
Policy No : 41089481
Tax Invoice Date : 30/04/2024
SAC : 997139
Intermediary Details : M/S MARUTI INSURANCE BROKING P

4. Cross Liability
5. Designated Premises Endorsement
6. Fire Damage sub-limited to INR 1,000,000 for each & every loss
7. Food And Beverages
8. IT Clarification Clause
9. Knowledge Of Occurrence
10. Lift Liability Extension
11. Medical Expenses Sub-Limit sub-limited to INR 50,000 per person and INR 45,000,000 in the aggregate
12. Non Owned And Hired Automobile Liability sub-limited to INR 45,000,000 in the aggregate
13. Waiver of Transfer of Rights wherever required by contract

Exclusions

1. Airlines, Aircraft and Airside operations of Airports including refuelling, control tower liability and construction and repair work within the Airport perimeter. For the purpose of this exclusion "airside" refers to area on the tarmac next to the aircrafts and the "runways" where the aircraft ply
2. Aqua Sports, Hazardous Sports
3. Automobile Liability Exclusion
4. Aviation Exclusion
5. Communicable Disease Exclusion
6. Contractors engaged in wrecking, demolition, maintenance of dams and sub aqueous work
7. Cyber Exclusion CGL
8. Directors & Officers Exclusion
9. Electric, Gas & Water Utilities where Brownout/Blackout failure to supply is not excluded
10. EMF Exclusion
11. IT clarification clause
12. Manufacturers and/or production and/or storage of fireworks, fuses, ammunitions, catridges and explosives
13. Manufacturing/Formulation activities in US/Canada
14. Mining Risks other than "Drift" and/or "Open-cast"
15. Ocean marine Liability including ship owner's liability
16. Offshore related risks - Oil Rigs and Oil Platforms
17. Ownership, operation or use of Aircraft and air cushioned vehicles including construction, repair or installation work on aircrafts
18. Ownership, operation or use of railways, tramways and chair lifts
19. Ownership, operation or use of Vessels including their navigation
20. Pandemic Exclusion
21. Prior / pending litigation
22. Professional Liability
23. Public Liability of Indian Railways as Railway operator
24. Railways Exclusion
25. Underground and Underwater mines and collieries and all underground services in connection therewith, quarries, tunnelling

Other Terms and Conditions

Disclaimer:

The issuance of this Insurance Policy is subject to satisfactory verification of KYC documentation of the Client/ Policyholder as per IRDAI Master Circular dated 1st August 2022 on AML/ CFT. In case, if any discrepancy is found in KYC Verification of the Client/ Policyholder, it is agreed by the Client/ Policyholder to complete/ rectify the discrepancy found in the KYC documents/information for the generation of CKYC Number, failing which the policy will be considered ineffective/suspended/ cancelled and no claim will be payable under this Insurance Policy.

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Authorised Signatory

Regd. Office: IFFCO Sadan
C-1 Dist. Centre, Saket,
New Delhi-110017
CIN: U74899DL2000PLC107621

PUBLIC LIABILITY POLICY

1. OPERATIVE CLAUSE:

WHEREAS the Insured named in the Schedule hereto and carrying on the business described in the said Schedule has applied to IFFCO-TOKIO General Insurance co. Ltd. (hereinafter called the company) for the indemnity hereinafter contained and has made a written proposal and declaration which shall be the basis of this contract and is deemed to be incorporated herein and has paid the premium as consideration for or on account of such indemnity.

NOW THIS POLICY WITNESSETH that subject to the terms exceptions and conditions contained herein or endorsed hereon the Company will indemnify the Insured against their legal liability (other than liability under the Public Liability Insurance Act, 1991 or any other Statute that may come into force after the issue of this policy) to pay compensation including Claimant's costs, fees and expenses anywhere in India, in accordance with Indian Law.

2. INDEMNITY:

The Indemnity only applies to claims arising out of accidents occurring in the Insured Premises during the period of insurance first made in writing against the Insured during the policy period and the Insured is indemnified in accordance with the Operative Clause for and/or arising out of Injury and/or Damage but only against claims arising out of or in connection with the business specified in the Schedule and not against claims arising out of or in connection with:-

(a) Pollution howsoever caused unless specifically covered

(b) Any product.

For the purpose of determining the indemnity granted

(a) 'Injury' means death, bodily injury, illness or disease of or to any person,

(b) 'Damage' means actual and/or physical damage to tangible property;

(c) 'Pollution' means pollution or contamination of the atmosphere or of any water, land or other tangible property;

(d) 'Product' means any tangible property after it has left the custody or control of the Insured, which has been designed, specified, formulated, manufactured, constructed, installed, sold, supplied, distributed, treated, serviced, altered or repaired by or on behalf of the Insured but shall not mean food and beverages supplied by or on behalf of the Insured primarily to the Insured's employees as a staff benefit.

(e) 'Policy Period' means the period commencing from effective date and hour as shown in the Policy Schedule and terminating at midnight on the expiry date as shown in the Policy Schedule.

(f) 'Period of Insurance' means the period commencing from the retroactive date and terminating on the expiry date as shown in the Policy Schedule.

(g) 'Accident' means a fortuitous event or circumstance which is sudden, unexpected and unintentional including resultant continuous, intermittent or repeated exposure arising out of the same fortuitous event or circumstance.

(h) 'Premises' shall be deemed to include pipelines running outside the premises for discharge of treated effluents at a disposal point situated within a distance one kilometer from the premises.

3. (a) NOTIFICATION EXTENSION CLAUSE:

Should the Insured notify the Company during the Policy period in accordance with General Condition 9.1 of any specific event or circumstance which the Company accepts may give rise to a claim or claims which form the subject of indemnity by this policy, then the acceptance of such notification means that the Company will deal with such claim or claims as if they had first been made against the Insured during the Policy period. The extension under this Clause will be subject to the maximum time limit laid down under the Indian Limitation Act in force from time to time.

(b) EXTENDED CLAIM REPORTING CLAUSE:

In the event of non-renewal or cancellation of this Policy either by the Company or by the Insured, the Company will allow a time limit not exceeding 90 days from the date of expiry or cancellation of the policy provided no insurance is in force during this extended reporting period for the same interest, for notification of claims for accidents which had taken place during the period of insurance but could not be made during the policy period, provided, however, all claims made during the extended reporting period shall be handled as if they were made on the last day of the expiring Policy period and are subject to the limits of indemnity and the terms, conditions and exceptions of the policy.

4. INDEMNITY TO OTHERS:

The indemnity granted extends to;

4.1 officials of the Insured in their business capacity arising out of the performance of their business or in their private capacity arising out of their temporary engagement of the Insured's employees;

4.2 the Officers, Committees and members of the Insured's canteen, social, sports, medical, fire fighting and welfare organisations in their

respective capacities as such;

4.3 the personal representatives of the estate of any person who would otherwise be indemnified by this Policy but only in respect of liability incurred by such person.

Provided always that all such persons or parties shall observe, fulfill and be subject to the terms, conditions and exclusions of this Policy as though they were the Insured.

5. CROSS LIABILITIES:

Each person or party indemnified is separately indemnified in respect of claims made against any of them by any other person or party (other than the named Insured) subject to Company's total liability not exceeding the limits of indemnity stated in the Schedule of the Policy.

6. DEFENCE COSTS:

The Company will pay all costs, fees and expenses incurred with their prior consent in the investigation, defence or settlement of any claim made against the Insured and the costs of representation at any inquest, inquiry or other proceedings in respect of matters which have a direct relevance to any claim made or which might be made against the Insured, provided such claim or claims are the subject of indemnity by the Policy whether liability ultimately attaches to the policy or not. Such costs, fees and expenses are called 'Defence Costs'.

7. INDEMNITY LIMITS:

Company's total liability to pay compensation, Claimant's costs, fees and expenses and defence costs shall not exceed the Indemnity limit stated in the Schedule. Indemnity Limit applies to any one claim or series of claims arising from one originating cause. Indemnity Limit shall represent the total amount of Company's Liability during the Policy period.

7.1 CLAIMS SERIES CLAUSES:

For the purpose of this policy where a series of and/or several bodily injuries and/or property damages are attributable directly or indirectly to the same cause, all such bodily injuries and/or property damages shall be added together and all such bodily injuries and/or property damages shall be treated as one claim and such claim shall be deemed to have been made at the point in time when the first of the claims was made in writing. There shall, however, be no coverage for claims made arising from one specific cause which are made later than 3 years after the first claim of the series.

7.2 COMPULSORY EXCESS:

The Insured shall bear a Compulsory Excess of ½ % of the limit of indemnity per any one accident subject to a maximum of Rs. 3,00,000/-. This Compulsory Excess shall be applicable to both (a) death/bodily injury and (b) property damage, inclusive of defence costs arising out of any one accident. The Company's liability shall attach for the claim in excess of such Compulsory Excess (and Voluntary Excess, if any, opted by the Insured).

7.3 VOLUNTARY EXCESS:

In the event of the Insured opting, the policy shall be subject to a voluntary excess as mentioned in the schedule. This voluntary excess shall be applicable to both (a) death/bodily injury claims and (b) property damage claims inclusive of defence costs arising out of any one accident. The Company's Liability shall attach for the claims in excess of such compulsory and voluntary excess.

8. EXCLUSIONS

This Policy does not cover liability

8.1 assumed by the Insured by agreement and which would not have attached in the absence of such agreement.

8.2 arising out of earthquake, earth-tremor, volcanic eruption, flood, storm, tempest, typhoon, hurricane, tornado, cyclone or other similar convulsions of nature and atmospheric disturbance.

8.3 arising out of deliberate, willful or intentional non-compliance of any statutory provision.

8.4 arising out of loss of pure financial nature such as loss of goodwill, loss of market etc.

8.5 (a) arising out of all personal injuries such as libel, slander, false arrest, wrongful eviction, wrongful detention, defamation etc. and mental injury, anguish, or shock resulting therefrom;

(b) infringement of plans, copy-right, patent, trade name, trade mark, registered design;

8.6 arising out of fines, penalties, punitive or exemplary damages or any other damages resulting from the multiplication of compensatory damages.

8.7 directly or indirectly occasioned by, happening through or in consequence of war, invasion, act of foreign enemy, hostilities (whether war be declared or not), civil war, rebellion, revolution, insurrection or military or usurped power.

8.8 directly or indirectly caused by or contributed to by

(a) ionising radiations or contamination by radioactivity from any nuclear fuel or from any nuclear waste from the combustion of nuclear fuel;

(b) the radioactive, toxic, explosive or other hazardous properties of any explosive nuclear assembly or nuclear component thereof;

This Policy does not cover liability for claims arising out of;

8.9 the ownership, possession or use by or on behalf of the Insured of any motor vehicle or trailer for which compulsory insurance is required by legislation other than the following:

- (a) claims caused by the use of any tool or plant forming part of or attached to or used in connection with any motor vehicle or trailer;
- (b) claims arising beyond the limits of any carriageway or thoroughfare caused by the loading or unloading of any motor vehicle or trailer;
- (c) claims for damage to any bridge, weighbridge, road or anything beneath caused by the weight of any motor vehicle or trailer or of the load carried therein;
- (d) claims arising out of any motor vehicle or trailer temporarily in the Insured's custody or control for the purpose of parking.

8.10 transportation of materials and/or hazardous/dangerous substances outside Insured's premises unless specifically covered.

8.11 the ownership, possession or use by or on behalf of the Insured of any aircraft, watercraft or hovercraft.

8.12 damage to property owned, leased or hired or under hire-purchase or on loan to the Insured or otherwise in the Insured's care custody or control other than the

(a) premises (or the contents thereof) temporarily occupied by the Insured for work thereon or other property temporarily in the Insured's possession for work thereon (but no indemnity is granted for damage to that part of the property on which the Insured is working and which arises out of such work).

(b) employees' and visitors' clothing and personal effects.

(c) premises tenanted by the Insured to the extent that the Insured would be held legally liable in the absence of any specific agreement.

8.13 Injury and/or damage occurring prior to the Retroactive Date in the Schedule.

Provided always that in the event of any injury or damage arising from continuous or continual inhalation, ingestion or application of any substance following the covered accident and where the Insured and Company cannot agree when the injury or damage occurred, then

(a) Injury shall be deemed to have occurred when the claimant first consulted a qualified medical practitioner in respect of such injury;

(b) Damage shall be deemed to have occurred when it first became evident to the claimant even if the cause was unknown.

8.14 the deliberate, conscious or intentional disregard of the Insured's technical or administrative management of the need to take all reasonable steps to prevent claims.

8.15 injury to any person under a contract of employment or apprenticeship with the Insured when such Injury arises out of the execution of such contract.

8.16 Any accident(s) in respect of which Relief would be under the Public Liability Insurance Act, 1991 or any other Statute that may come into force after the issue of this policy.

8.17 liability more specifically insured elsewhere.

9. GENERAL CONDITIONS

9.1 The Insured shall give written notice to the Company as soon as reasonably practicable of any claim made against the Insured (or any specific event or circumstance that may give rise to a claim being made against the Insured) and which forms the subject of indemnity under this policy and shall give all such additional information as the Company may require. Every claim, writ, summons or process and all documents relating to the event shall be forwarded to the Company immediately they are received by the Insured.

9.2 No admission, offer, promise or payment shall be made or given by or on behalf of the Insured without the written consent of the Company.

9.3 The Company will have the right, but in no case the obligation, to take over and conduct in the name of the insured the defence of any claim and will have full discretion in the conduct of any proceedings and in the settlement of any claim and having taken over the defence of any claim may relinquish the same. All amounts expended by the Company in the defence settlement or payment of any claim will reduce the limits of indemnity specified in the Schedule of the Policy.

In the event the Company, in its sole discretion, chooses to exercise its right pursuant to this condition, no action taken by the Company in the exercise of such right will serve to modify or expand in any manner, the Company's liability or obligations under this policy beyond what the Company's liability or obligations would have been had it not exercised its rights under this condition.

9.4 The Insured shall give all such information and assistance as the Company may reasonably require.

9.5 The Insured shall give notice as soon as reasonably practicable of any fact, event or circumstance which materially changes the information supplied to the Company at the time when this policy was effected, and the Company may amend the terms of this Policy according to the materiality of such change.

9.6 The Company may at any time pay to the Insured in connection with any claim or series of claims under this Policy to which an Indemnity Limit applies the amount of such Limit (after deduction of any sums already paid) or any lesser amount for which such claims can be settled and upon such payment being made the Company shall relinquish the conduct and control of and be under no further liability in connection with such claims.

9.7 The Policy and the Schedule shall be read together as one contract and any word or expression to which a specific meaning has been attached in any part of this Policy or the Schedule shall bear such specific meaning wherever it may appear. The terms, conditions and exclusions of this Policy (and any phrase or word contained therein) shall be interpreted in accordance with Indian Law.

9.8 The Insured shall keep accurate records of annual turnover which term shall include all leviable duties and at the time of renewal of Insurances declare such details as the Company may require. The Company shall at all reasonable time have free access to inspect such records.

9.9 If at the time of happening of any event resulting into a liability under this Policy, there be any other Public Liability Insurance or Insurances effected by the Insured or by any other person covering the same liability, then the Company shall not be liable to pay or contribute more than its rateable proportion of such liability.

9.9A This Policy does not cover liability which at the time of happening of any event resulting into such liability, be insured by or would, but for the existence of this policy, be insured by, any other Policy (but not a Public Liability Policy) or Policies, except in respect of any excess beyond the amount which could have been payable under such Policy/Policies, had this Insurance not been effected.

9.10 The Company may cancel this Policy by giving thirty days' notice in writing of such cancellation to the Insured's last known address and in such an event the Company will return a pro-rata portion of the premium (subject to a minimum retention of 25 per cent of the annual premium) for the unexpired part of the Insurance.

The Policy may also be cancelled by the Insured by giving thirty days' notice in writing to the Company, in which event the Company will retain premium at short-period scale provided there is no claim under the Policy during the period of Insurance.

In case of any claim under the Policy no refund of premium shall be allowed.

9.11 In the event of liability arising under the policy or the payment of claim under the policy, the Limit of Indemnity per any one year under the Policy shall get reduced by the extent of quantum of liability to be paid or actual payment of such claim. Under no circumstances, it shall be permissible to reinstate the limit of indemnity to the original level, even on payment of extra premiums.

9.12 It is also hereby further expressly agreed and declared that if the Company shall disclaim liability to the Insured for any claim hereunder and such claim shall not within 12 calendar months from the date of such disclaimer have been made the subject matter of a suit in a court of law then the claim shall for all purposes be deemed to have been abandoned and shall not thereafter be recoverable hereunder.

9.13 The Company shall not be liable to make any payment under this Policy in respect of any claim if such claim shall be in any manner fraudulent or supported by any statement or device whether by Insured or by any person on behalf of the Insured and/or if the insurance has been continued in consequence of any material mis-statement or the non-disclosure of any material information by or on behalf of the Insured.

9.14 No claim shall be payable under this policy unless the cause of action arises in India and the liability to pay claim is established against the insured in an Indian court. It is further agreed and understood that only Indian Law shall be applicable to any such action.

9.15 POLICY DISPUTE CLAUSE

Any dispute concerning the interpretation of the terms, conditions, limitations and/or exclusions contained herein is understood and agreed to by both the Insured and the Company to be subject to Indian Law. Each party agrees to submit to the jurisdiction of any court of competent jurisdiction within India and to comply with all requirements necessary to give such court of jurisdiction. All matters arising hereunder shall be determined in accordance with the law and practice of such Court.

GRIEVANCE OR COMPLAINT

In case of any grievance, **We** can be contacted at:

Website: <https://www.iffcotokio.co.in/customer-services/grievance-redressal>
Toll free: 1800-103-5499
E-mail: support@iffcotokio.co.in
Courier: Chief Grievance Officer
IFFCO-Tokio General Insurance Co Ltd
IFFCO Tower, Plot no. 3
Sector -29, Gurgaon – 122001

For updated details of grievance officer, kindly refer the link
<https://www.iffcotokio.co.in/customer-services/grievance-redressal>.

Grievance may also be lodged at IRDAI Integrated Grievance Management System

- <https://bimabharosa.irdai.gov.in/>

Endorsement

Act Of God

Notwithstanding anything contained to the contrary, it is hereby declared and agreed that with effect from inception of this policy all claims arising from or attributable to Act of God perils causing Third party bodily injury and property damage within the named premises of the insured covered under this policy and for which the insured is held liable shall be admissible under the policy. The named perils under Act of God perils shall be as below :

Earthquake, earth-tremor, volcanic eruption, flood, storm, tempest, typhoon, hurricane, tornado, cyclone or other similar convulsions of nature and atmospheric disturbance

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Goods Kept In Care, Control & Custody

Notwithstanding anything herein contained to the contrary, it is hereby agreed and declared that the Insurance under this policy shall extend to include your legal liability for loss/damage to property of residents/bonafide guests whilst they are under your care, control and custody in the premises referred to in the Schedule subject to limit of indemnity not exceeding the amount mentioned against Item No.13 of the schedule which shall form part of the overall limit of indemnity as mentioned in Item No. 5 of the Schedule of the policy.

It is expressly agreed and understood that the cover granted under this endorsement shall not apply to legal liability arising out of loss or damage to valuables of residents/bonafide guests unless they are kept in the strong room/cloak room maintained by you for safe keeping and you maintain proper records showing the items deposited therein by each resident/bonafide guest. In no case the policy covers loss of monies, securities, documents (including credit cards) and plans.

Also provided always that all other terms, conditions, provisions and exceptions of the policy shall apply to this extension as if they have been incorporated herein.

Claim Series Endorsement

Notwithstanding anything contained to the contrary, it is hereby declared and agreed that with effect from inception of this policy claims series clause stands included in the policy.

A Claims Series Event as defined below shall be deemed to be one claim and date of loss shall be the date when the first claim of the Claims Series Event is made in writing against the Insured.

A Claims Series Event shall be defined as a series of two or more claims arising from one specific common cause which is attributable, e.g.

- to the same fault in design, manufacture, instructions for use or labelling of products
- or to the supply of the same products and/or services or to products and/or service showing the same defect.

There shall, however, be no coverage for claims arising from one specific cause which are made later than 3 years after the first claim of the series.

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Cross Liability

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception of this policy each person or party indemnified is separately indemnified in respect of claims made against any of them by any other person or party (other than the named Insured) subject to Company's total liability not exceeding the overall limits of indemnity stated in Item No. 5 of the Schedule of the Policy

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Designated Premises Endorsement

Notwithstanding anything contained to the contrary, it is hereby declared and agreed that with effect from inception of this policy only claims arising out of clients named business operation at locations mentioned in the Schedule shall be admissible under the policy.

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Manufacturing, testing & other Facilities (Existing) :

Location No.1 - MSIL Gurgaon Plant, Palam-Gurgaon Road, Gurgaon -122015. Location No.2 - MSIL Manesar Plant, Plot No.1 Ph-3 A, IMT Manesar 122051. Location No.3 - MSIL Plot No. 1, Sector 33 B and C IMT Rohtak - 123701. Location No.4 - MSIL Powertrain plant, Plot 1, Phase 3 A, IMT Manesar, Gurgaon - 122051. Location No.5 - MSIL Casting plant, Plot 26B, Phase 3 IMT Manesar, Gurgaon - 122051. Location No.6 - MSIL SPZ, Near Railway Yard, Opp. PUB Building, Adani Port Road, Navinal Iceland, Mundra Kutch - 370421. Location No.7 - MSIL SND, Block No.334,335 Village Hansalpur, Near Bacharaji, Taluka Mandal, District Ahmedabad Gujarat - 382130 Location No.8 - Maruti Suzuki Stockyard, Kanchenjunga Integrated Park, Fatapukur, Siliguri - Jalpaiguri Road, District - Jalpaiguri West Bengal. Location No.9 - MSSD Naraina, Maruti Sales and Service (Delhi), C-119, Naraina Industrial Area Phase - I, Delhi - 110028. Location No.10 - Mumbai PDI, Mumbai Port Trust, Frere Basin Shed No.-1 Clarke Bunder, New Mazgaon Dock Ltd. Mazgaon, Mumbai, Maharashtra - 400010. Location No.11 - Kolkata RO, Plot NO. - IID/15, Action area IID, New Town, Rajarhat, Kolkata, West Bengal - 700156. Location No.12 - Jaipur RO, Plot No. J-4, Setor-8, Belt - B, New Sanganer Road, Mansarovar, Tehsil : Amber, District : Jaipur, Rajasthan - 302020. Location No.13 - HO Delhi, Plot No. 1, Shopping Mall, Nelson Mandela Marg,

Vasant Kunj, Delhi - 110070. Location No.14 - Nagpur stockyard, Plot No. J-6, M.I.D.C Industrial Area, Butibori, Nagpur, Maharashtra - 441122
 Location No.15 - Bangalore stockyard, Plot No. 1&2, Sompura KIADB Indl Area, NH-4, Yedahalli village, Nelamangala Taluk, Tumkur Road, Bengaluru Rural, Karnataka - 562111. Location No.16 - Indore RO, Plot No. 5/RC, Scheme No. 134, Village – Khajarana, Dist. – Indore, Madhya Pradesh - 452010 Location No.17 - MSIL, B-21, B-24/1, Road No. 16, Wagle Industrial Estate, Thane (W) Location No.18 - MSIL, Plot no. Gen 25 and Gen-25B/1, TTC Industrial area Pawane, Navi Mumbai, Thane (Industrial) Location No.19 - MSIL, Plot no. Gen 25 and Gen-25B/2, TTC Industrial area Pawane, Navi Mumbai, Thane (Commercial) Location No.20 - Maruti Suzuki Training Academy, Sector – 28, Village – Chakarpur, Gurugram - 122002 Location No.21 - MSIL, 98/A/2 B.T. Road, Kolkata, West Bengal – 700090 Location No.22 - M/s Maruti Suzuki India Limited, Municipal Holding no. 123, Jessore Road (South), District - North 24 Parganas, West Bengal – 700133 Location No.23 - M/s Maruti Suzuki India Limited, Unit No. 1-5, Prime Avenue A, CHF, S.V. Road, Vile Parle (West), Mumbai – 400056 Location No.24 - M/s Maruti Suzuki India Limited, Near Muttli Bus Stand, Kalpetta, Muttli North Kalpetta, Wayanad, Kerela – 673122 Location No.25 - M/s Maruti Suzuki India Limited, BLOCK No.334, 335- OLD 158, 293, Village Hansalpur, Near Becharaji, Taluka Mandal, Ahmedabad, Gujarat, 382130 Location No. 26 - M/s Maruti Suzuki India Limited, Plot no. 39, Sy. No. 58, Kothanur village, K.R. Puram Hobli, Bangalore East Taluk, Bangalore - 560077 Location No. 27 - M/s MSIL Kharkhoda Plant, Plot No. 831, IMT Kharkhoda, Sonipat, Haryana – 131402 Location No. 28 - M/s Maruti Suzuki India Limited, Plot No. 58/4, Site 4, Sahibabad Industrial Area, Ghaziabad, UP 201010 Location No. 29 - M/s Maruti Suzuki India Limited, Plot No. C224, Site 1, Bulandshahr Road Industrial Area, Ghaziabad, UP 201009 Location No. 30 - M/s Maruti Suzuki India Limited, Plot No. 2, Ecotech 12, Gautam Budh Nagar, Greater Noida, UP 201306

New Additions for proposed renewal PLI 2024-25:

Location No.1 - M/s Maruti Suzuki India Limited, Plot No C-4, Gokul Nagar, Gokulpur, Jaipur, Rajasthan, - 302012 Location No. 2 - M/s Maruti Suzuki India Limited, B-2, Sector 58, Noida, Gauttam Buddha Nagar,201301, NOIDA (U.P.) - 201301 Location No 3 – M/s Maruti Suzuki India Limited, Khasra No.-713, 714, 716, Village Acheja Delhi Road, Village Acheja, Delhi Road Hapur, Hapur (U.P.) - 245101 Location No 4 - M/s Maruti Suzuki India Limited, Khatha No.827/648/13, Uttarahalli Village, Ward No.184, Uttarahalli Hobli, Bangalore South Taluk, Bangalore - 560061 Location No 5 - M/s Maruti Suzuki India Limited, Survey No. 357(Export Warehouse), Opposite Maruti Gate No. 2, Village - Hansalpur Becharji, Taluka - Mandal, District - Ahmedabad - 382130

Expansion In the Existing Location

Location - M/s Maruti Suzuki India Limited, Bangalore stockyard (Expansion), Plot No. 1&2, Sompura KIADB Indl. Area, NH-4, Yedahalli village, Nelamangala Taluk, Tumkur Road, Bengaluru Rural, Karnataka - 562111 - * Since the expansion area is located in the existing stockyard of RPDC, hence addition of the location is not required

Fire Damage

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception of this policy, **We** will pay expenses as described below for **property damage** caused by a **Fire** accident:

- (1) On premises You own or rent;
- (2) On ways next to premises You own or rent; or
- (3) Because of Your operations;

provided that:

- (1) The accident takes place in the coverage territory and is reported during the Period of Insurance;
 - (2) The expenses are incurred and reported to Us within thirty days of the date of the accident;
- and
- (3) The injured person submits to examination, at Our expense, by physicians of Our choice as often as We reasonably require

subject to limit of indemnity not exceeding the amount mentioned against Item No.13 of the schedule which shall form part of the overall limit of indemnity as mentioned in Item No. 5 of the Schedule of the policy.

We will make these payments regardless of fault. These payments will however not include the following expenses for damage to any property :

- a. of any Insured.
- b. of a person hired to do work for or on behalf of any Insured or a tenant of any Insured.
- c. of a person injured on that part of premises You own or rent that the person normally occupies.
- d. to any property whose value immediately prior to loss was not in proportion
- e. to money, securities, manuscripts, deeds, bonds, bills of exchange, promissory notes, stocks or share certificates, stamps and travellers cheques and business documents
- f. Included within the products-completed operations hazard.
- g. Excluded under Coverage A.
- h. Due to war, whether or not declared, or any act or condition incident to war. War includes civil war, insurrection, invasion, act of foreign enemy, civil commotion, factional civil commotion, terrorism, military or usurped power, rebellion or revolution.

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Food & Beverage Endorsement

Notwithstanding anything herein contained to the contrary, it is hereby agreed and declared that the insurance under this policy shall extend to include your legal liability for death and/or bodily injury and/or loss of or damage to or loss of use of property arising out of poisoning by foreign or deleterious matter in food, beverages and/or any other edible items supplied by you, provided always that you shall take every possible precaution to prevent supply of any food/beverages/edible items which are not in good condition or free from contamination or fit for human consumption

subject to limit of indemnity not exceeding the amount mentioned against Item No.13 in the schedule and which shall form part of the overall limit as mentioned in Item No.5 of the schedule of the policy.

Also provided always that all other terms, conditions, provisions and exceptions of the policy shall apply to this extension as if they have been incorporated herein.

Information Technology Clarification Clause

Property damage covered under this Agreement shall mean physical damage to the Substance of property.

Physical damage to the substance of property shall not include damage to data or software, in particular any detrimental change in data, software or computer programs that is caused by a deletion, a corruption or a deformation of the original structure.

Consequently the following are excluded from this Agreement:

- Loss of or damage to data or software, in particular any detrimental change in data, software or computer programs that is caused by deletion, a corruption or a deformation of the original structure, and any business interruption, losses resulting from such loss or damage. Notwithstanding this exclusion, loss of or damage to data or software, which is the direct consequence of insured physical damage to the substance of property, shall be covered.
- Loss or damage resulting from impairment in the function, availability, range of use or accessibility of data, software or computer programs, and any business interruption losses resulting from such loss or damage.

Knowledge Of Occurrence

Notwithstanding anything herein contained to the contrary, it is hereby agreed and declared that the insured shall deem to have knowledge of claims, events, circumstances, accident, offence or a suit only if the "Control group" comprising of persons declared by the insured have knowledge of the same or the same have been brought to their attention

This "Control group" shall be declared and recorded in the policy via an endorsement and shall only comprise of persons who are in active and permanent employment of the client. It is also a condition precedent to this extension that the "Control Group" shall have at least 1 participant member each from the Human resource Department, the Administrative Department and Line Control department (not below the rank of a Senior Manager or equivalent).

Even if the claims, events, circumstances, accident, offence or a suit is brought to knowledge of any one member of the "Control Group", it will be deemed to be in Knowledge of the entire "Control Group"

The of claims, events, circumstances, accident, offence or a suit may be deemed to be in knowledge of the "Control Group" if any of its members is notified of the same via an E-Mail, Facsimile, Courier, Registered post and SMS or any other internal mode of communication of external forms of mode of communication via newspaper, TV, radio etc.

The "Control Group" shall come together for a meeting once every quarter to seek updates on any claims, events, circumstances, accident, offence or a suit which would ordinarily fall under cover of this insurance

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Lift Liability Extension

Notwithstanding anything herein contained to the contrary, it is hereby agreed and declared that the Insurance under this policy shall extend to include your legal liability for death or bodily injury or loss of or damage to or loss of use of property arising out of accidents caused by the use of lifts subject to the conditions that:

- i) the premises/places are kept in state of good repair/maintenance.
- ii) properly trained personnel take care of operation of such facilities
- iii) the materials used are proper and free of defects

subject to limit of indemnity not exceeding the amount mentioned against Item No.13 of the schedule which shall form part of the overall limit of indemnity as mentioned in Item No. 5 of the Schedule of the policy.

Also provided always that all other terms, conditions, provisions and exceptions of the policy shall apply to this extension as if they have been incorporated herein.

Medical Payments

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception of this policy, **We** will pay expenses as described below for **bodily injury** caused by an accident:

- (1) On premises You own or rent;
- (2) On ways next to premises You own or rent; or
- (3) Because of Your operations;

provided that:

- (1) The accident takes place in the coverage territory and is reported during the Period of Insurance;
 - (2) The expenses are incurred and reported to Us within thirty days of the date of the accident;
- and
- (3) The injured person submits to examination, at Our expense, by physicians of Our choice as often as We reasonably require

subject to limit of indemnity not exceeding the amount mentioned against Item No.22 of the schedule which shall form part of the overall limit of indemnity as mentioned in Item No. 15 of the Schedule of the policy.

We will make these payments regardless of fault. These payments will not exceed the applicable limit of insurance. We will pay reasonable expenses for:

- a. First aid administered at the time of an accident;
- b. Necessary medical, surgical, x-ray and dental services, including prosthetic devices; and
- c. Necessary ambulance, hospital, professional nursing and funeral services.

We will not pay expenses for bodily injury:

- To any Insured.
- To a person hired to do work for or on behalf of any Insured or a tenant of any Insured.
- To a person injured on that part of premises You own or rent that the person normally occupies.
- To a person, whether or not an employee of any Insured, if benefits for the bodily injury are payable or must be provided under a workers' compensation or disability benefits law or a similar law.
- To a person injured while taking part in athletics.
- Included within the products-completed operations hazard.
- Excluded under Coverage A.
- Due to war, whether or not declared, or any act or condition incident to war. War includes civil war,

insurrection, invasion, act of foreign enemy, civil commotion, factional civil commotion, terrorism, military or usurped power, rebellion or revolution.

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Non Owned & Hired Automobile Liability

Notwithstanding anything contained to the contrary, it is hereby declared and agreed that with effect from inception of this policy claims arising out of Non Owned & Hired Automobile as detailed below are covered under the policy subject to limit of indemnity not exceeding the amount mentioned against Item No.13 of the schedule which shall form part of the overall limit of indemnity as mentioned in Item No. 05 of the Schedule of the policy. Subject to all the terms and conditions of this Insurance, we will pay damages that the insured becomes legally obligated to pay by reason of liability imposed by law for bodily injury or property damage caused by an occurrence to which this coverage applies and arising out of the ownership, maintenance or use, including loading and unloading, of any hired motor vehicle or non- owned motor vehicle.

This coverage applies only to such bodily injury or property damage that occurs during the policy period.

A. Damages for bodily injury Include damages claimed by a person or Organization for care, loss of services or death resulting at any time from the Bodily Injury.

B. We may at any time, at our discretion, pay the applicable Limit of Insurance that remains available.

The most we will pay hereunder is fixed as set forth in the Limits Of Insurance section of this insurance contract.

C. Our obligations hereunder end when we have used up the applicable Limits of Insurance.

D. Other than as provided under the Investigation, Defense And Settlements and Supplementary Payments sections of this insurance contract, we have no other obligation or liability to pay sums or perform acts or services under this coverage.

E. In those jurisdictions having laws providing for direct action against insurers, if a claim or suit is brought directly against us, we shall defend such claim or suit and the insured shall reimburse us up to the Deductible shown in the Hired or Non-Owned Motor Vehicle Schedule as if such claim or suit were brought against the insured.

F. With respect to a hired motor vehicle or a non-owned motor vehicle, this insurance shall be excess insurance over any other valid and collectible insurance available to the Insured.

G. It is a condition precedent to liability that a Comprehensive Motor Insurance Policy (including cover for passenger liability) is in force at the time of the loss and the coverage provided by this extension is in excess of coverage under the motor insurance policy. This will only be in case where as per the territory law a TP Motor Liability is mandatory; in this particular case this extension will act as a secondary layer. In all other cases standard excess will apply and policy with respond to the claim.

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Waiver of Transfer of Rights

Notwithstanding anything contained herein to the contrary, it is hereby declared and agreed that w.e.f. inception the insurers hereby waive Transfer of Rights of Recovery Against Others to Us (subrogation) against the *Client and its parent, subsidiary and affiliated companies, its and their officers, directors and employees, co-ventures, but only to the extent and scope of liability assumed by IFFCO Tokio General Insurance Co. Ltd. under its Contract with the *Client, as detailed below:

"If the insured has rights to recover all or part of any payment We have made under this Coverage Part, those rights are transferred to Us. The insured must do nothing after loss to impair them. At Our request, the Insured will bring suit or transfer those rights to Us and help Us enforce them"

The above shall however continue to apply in the following cases:

1. Cross Liability Cases (Insured vs. insured)
2. For recovery of Defense cost paid by Us in cases where the final outcome is decided against the insured by Court, tribunal or any other final adjudication or by admission

3. Any criminal act, breach of law
4. Any civil fines or penalties, exemplary damages

*Client's name to be specifically provided. The coverage is subject to: 1. only when it is a requirement of the written contract 2. prior approval obtained by the Underwriter Except as otherwise provided in this endorsement, all terms, provisions and conditions of this Certificate shall have full force and effect.

Airlines, Aircraft and Airside operations of Airports including refuelling, control tower liability and construction and repair work within the Airport perimeter

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Airlines, Aircraft and Airside operations of Airports including refuelling, control tower liability and construction and repair work within the Airport perimeter.

For the purpose of this exclusion "airside" refers to area on the tarmac next to the aircrafts and the "runways" where the aircraft ply

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Aqua Sports and Hazardous Sports Exclusion

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of engagement of third party in any aqua sport or hazardous sports including but not limited to Rafting, Bungy Jumping, Para Gliding, Hot Air Balloon, Zip lines and the likes

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Automobile Liability Exclusion

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Owned Automobile Liability, covered under Motor Insurance as per Motor Vehicles Act 1988 in India or equivalent in any other jurisdiction.

Jurisdictions wherein such an Act does not exist, the policy will exclude any loss or claim arising out of, based upon or attributable to any Owned Automobile Liability.

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Airlines Exclusion

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception of this policy any claim arising out of Airlines, Aircraft and Airside operations of airports, including refueling, control tower liability and construction and repair work within the airport perimeter

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Communicable Disease Exclusion Clause:

1. Notwithstanding any provision, clause or term to the contrary, this policy excludes any loss, cost, damage, liability, claim, fines, penalty or expense or any other amount of whatsoever nature, whether directly or indirectly and/or in whole or in part, related to, caused by, contributed to by, resulting from, as a result of, as a consequence of, attributable to, arising out of, arising under, in connection with, or in any way involving (this includes all other terms commonly used and/or understood to reflect or describe nexus and/or connection from one thing to another whether direct or indirect):

1.1 a Communicable Disease and/or the fear or threat (whether actual or perceived) of a Communicable Disease and/or the actual or alleged transmission of a Communicable Disease regardless of any other cause or event contributing and/ or occurring concurrently or in any sequence thereto, and

1.2 a pandemic or epidemic, as declared by the World Health Organisation or any governmental authority.

2. As used herein, Communicable Disease means: any infectious, contagious or communicable substance or agent and/or any infectious, contagious or communicable disease which can be caused and/or transmitted by means of substance or agent where:

2.1 the disease includes, but is not limited to an illness, sickness, condition or an interruption or disorder of bodily functions, systems or organs, and

2.2 the substance or agent includes, but is not limited to, a virus, bacterium, parasite, other organism or other micro-organism (whether asymptomatic or not); including any variation or mutation thereof, whether deemed living or not, and

2.3 the method of transmission, whether direct or indirect, includes but not limited to, airborne transmission, bodily fluid transmission, transmission through contact with human fluids, waste or the like, transmission from or to any surface or object, solid, liquid or gas or between organisms including between humans, animals, or from any animal to any human or from any human to any animal, and

2.4 the disease, substance or agent is such:

2.4.1 that causes or threatens damage or can cause or threaten damage to human health or human welfare, or

2.4.2 that causes or threatens damage to or can cause or threaten damage to, deterioration to, contamination of, loss of value of, loss of marketability of or loss of use or usefulness of, tangible or intangible property.

For avoidance of doubt, Communicable Disease includes but is not limited to Coronavirus Disease 2019 (Covid -19) and any variation or mutation thereof.

3. For further avoidance of doubt, any contingent or other business interruption loss, cost, damage, loss of income, loss of use, increased cost of working and/or extra expense arising out of or attributable to:

3.1 any partial or complete closure of and/or slowdown in, including but not limited to any closure by or under the advisories of public, military, government or civil authorities, or any denial of access to insured premises, or customer and or supplier premises (including service / utility providers), or

3.2 change in consumer behaviour, or

3.3 an absence of infected employees or employees suspected of being infected shall not be covered by this policy.

4. For still further avoidance of doubt, loss, cost, damage, liability, claim, fines, penalty or expense or any other amount excluded hereby, includes but is not limited to any cost to identify, clean-up, detoxify, disinfect, decontaminate, mitigate, remove, evacuate, repair, replace, monitor, sanitize or test: (1) for a Communicable Disease or (2) any tangible or intangible property covered by this policy that is affected by such Communicable Disease.

5. It is clarified that (1) no other prior, concurrent or subsequent provision, clause, term or exception of this policy (including (but not limited to) any prior, concurrent or subsequent endorsement and/or any provision, clause, term, buy back or exception that operates, or is intended to operate, to extend the coverage of, or protections provided by, this contract by whatever name called like any coverage extension, additional coverage, global extension, exception to any exclusion); (2) any change in the law, clause or similar provision; (3) any follow the fortunes clause or similar provision; and/or (4) no change in the law or any regulation (to the extent permitted by applicable law), shall operate to provide any insurance, coverage or protection under this policy that would otherwise be excluded through the exclusion set forth in this clause.

6. If the Insurer alleges that by reason of this clause, any amount is not covered by this policy, the burden of proving the contrary shall rest with the Insured.

Contractors Engaged In Wrecking, Demolition, Maintenance of Dams and Sub Aqueous Work

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Contractors engaged in wrecking, demolition, maintenance of dams and sub aqueous work

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Cyber Exclusion CGL

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Cyber risk.

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Director's and Officer's Liability Exclusion

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, the Insurer shall not cover loss in connection with any Claim under the policy arising out of, based upon or attributable to any Claim made against the Insured in their capacity as a director, officer, trustee or partner of the Insured in respect of the performance or non- performance of their duties as a director, officer, trustee or partner of the Insured.

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Electric, Gas & Water Utilities where Brownout/Blackout failure to supply is not excluded

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Brownout/Blackout failure to supply

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Electro Magnetic Fields (EMF) Exclusion

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to any Electro Magnetic Fields (EMF) liability

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Information Technology Clarification Clause

Property damage covered under this Agreement shall mean physical damage to the Substance of property

Physical damage to the substance of property shall not include damage to data or software, in particular any detrimental change in data, software or computer programs that is caused by a deletion, a corruption or a deformation of the original structure.

Consequently the following are excluded from this Agreement:

- Loss of or damage to data or software, in particular any detrimental change in data, software or computer programs that is caused by deletion, a corruption or a deformation of the original structure, and any business interruption, losses resulting from such loss or damage. Notwithstanding this exclusion, loss of or damage to data or software, which is the direct consequence of insured physical damage to the substance of property, shall be covered.
- Loss or damage resulting from impairment in the function, availability, range of use of accessibility of data, software or computer programs, and any business interruption losses resulting from such loss or damage.

Manufacturers and/or Production and/or Storage of Fireworks, Fuses, Ammunitions, cartridges and explosives

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to manufacturing and/or production and/or storage of fireworks, fuses, ammunitions, cartridges and explosives

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Manufacturing Utility in USA/Canada Exclusion

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to any manufacturing utilities in USA/Canada

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Mining Risks other than "Drift" and/or "Open-cast">

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Mining Risks other than "Drift" and/or "Open-cast"

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Ocean marine Liability Including Ship owner's Liability

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Ocean Marine Liability including ship owner's liability

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Offshore Liability

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising from Offshore related risk unless incidental whilst indemnification based on "Jones Act". For the purpose of this exclusion – offshore risk means oil risks and oil exploration platforms

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Ownership, Operation or Use of Aircraft and Air Cushioned Vehicles Including Construction, Repair or Installation Work on Aircrafts

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Ownership, operation or use of Aircraft and air cushioned vehicles including construction, repair or installation work on aircrafts

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Ownership, Operation or Use of Railways, Tramways and Chair Lifts

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Ownership, operation or use of railways, tramways and chair lifts

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Ownership, Operation or Use of Vessels Including Their Navigation

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Ownership, operation or use of Vessels including their navigation

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Pandemic Exclusion Clause:

Notwithstanding any provision, this policy excludes any first party and/or third party actual or alleged loss, injury, sickness, disease, death, medical payment, defence cost, cost, damage, liability, claim, fines, penalty, compensation, expenses or any amount of whatsoever nature, whether directly or indirectly and/or in whole or in part, arising out of (this includes all other terms commonly used and/or understood to reflect or describe, direct or indirect nexus and/or connection between one thing and another), intentional or unintentional violation of:-

- a. The provisions of Disaster Management Act, 2005 as amended from time to time.
- b. The provisions of The Epidemic Diseases Act 1897 as amended from time to time.
- c. The provisions of any act dealing with public health and/or public safety.
- d. The rules, regulations, orders, guidelines, policies, notification etc issued from time to time under any of the above acts.

Prior and Pending Litigation Date Exclusion

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to the *Company* or any person insured under this policy for prior and pending litigations

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Professional Indemnity Exclusion

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to the Company or any person insured under this policy carrying out, or failing to carry out, professional services

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Public Liability of Indian Railways as Railway operator

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Public Liability of Indian Railways as Railway operator

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Liability of Railways

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising directly from Liability of Railways.

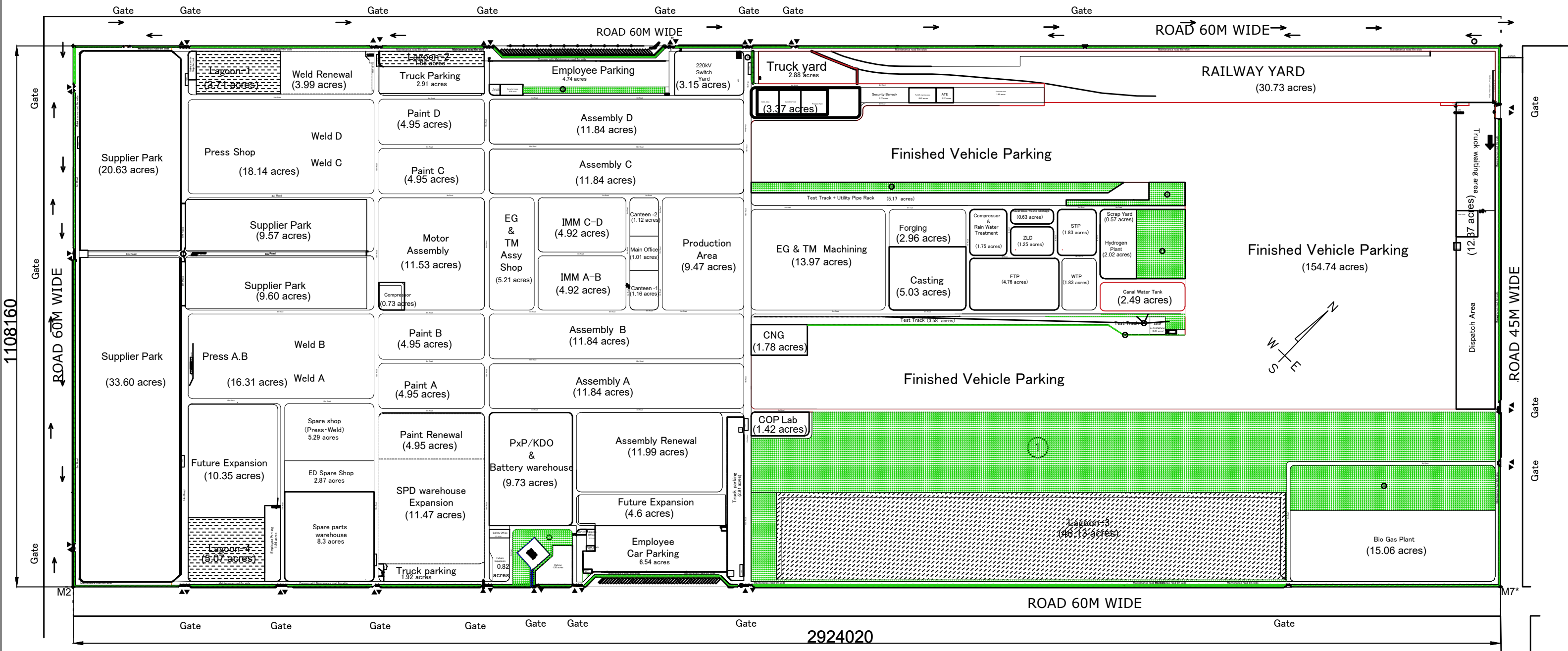
Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

Underground and Underwater Mines and Collieries and All Underground Services in Connection therewith, Quarries, Tunneling

Notwithstanding any thing contained to the contrary, it is hereby declared and agreed that with effect from inception, this policy excludes any loss or claim arising out of, based upon or attributable to Underground and Underwater mines and collieries and all underground services in connection therewith, quarries, tunneling

Subject otherwise to the terms, condition, exclusions of the policy, upon which this endorsement has been issued.

MSIL KHARKHODA PLANT LAYOUT (with area break up)



MSIL:CUIP:ESEC:ENV:2024-25:128

4th Nov 2024

To
Haryana Pond & Waste Water Management Authority (HPWWMA),
3rd Floor, DHL Square Building, HSIIDC IT Park,
Sector-22, Panchkula - 134112

Kind Attn.: Technical Advisor, HPWWMA Panchkula

Sub: Regarding one-time cost of Maintenance & Rejuvenation of Pond named RASAR 1 in village Gopalpur, District Sonipat.

Ref:

1. Letter No. HPA/ENGG/0098/2022/3865 dated 11th Sep'2024.
2. MSIL:CUIP: ESEC:ENV:24-25:092 dated 3rd Sep'2024.

Dear Sir,

At the outset, we would like to thank you for raising demand note for one time Maintenance & Rejuvenation cost of Pond named RASAR 1 in village Gopalpur, District Sonipat.

With reference to the above communication e-mail dated 13/09/2024 at 11:18 PM, we would hereby informed you that Maruti Suzuki India Limited have paid the said amount of 66.15 (Sixty-six lakhs fifteen thousand only) through online mode via RTGS Dr-IBKL0002084 dated 30th Oct'2024 (Annexure 1). The said payment was credited in the account as per details provided in demand note.

Considering the above, we would like your esteemed office kindly acknowledge the payment.

Thanking You,

Yours truly,

For Maruti Suzuki India Limited,

 **Paresh Mani Sharma**
DGM (Environment)
Maruti Suzuki India Limited

Paresh Mani Sharma

Deputy General Manager (Environment)

Email: PareshMani.Sharma@maruti.co.in

Encl.: As above.

MARUTI SUZUKI INDIA LIMITED

Head Office:

Maruti Suzuki India Limited,
1, Nelson Mandela Road, Vasant Kunj,
New Delhi - 110070, India.
Tel: 011- 46781000, Fax: 011-46150275/46150276
E-mail id: contact@maruti.co.in, www.marutisuzuki.com

Gurgaon Plant:

Maruti Suzuki India Limited,
Old Palam Gurgaon Road,
Gurgaon - 122015, Haryana, India.
Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant:

Maruti Suzuki India Limited,
Plot no.1, Phase - 3A, IMT Manesar,
Gurgaon - 122051, Haryana, India.
Tel: 0124-4884000, Fax: 0124-4884199

Annexure – 1

Payment details

RTGS Dr-IBKL0002084-THEHARYANAPONDANDWASTEWATERMANAGEM-NETBANK, MUM-HDFCR52024103057387670	(6,615,000.00)	30/10/2024	HDFCR52024103057387670	NETBANK, MUMBAI
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Form BRS-II
(See Code 2.2(2))
Certificate for structure conforming under self-certification

M/s Maruti Suzuki India Ltd, Plot No-831, HSIIDC IMT Kharkhoda, Sonipat, Haryana-131402

Name of the owner :- M/s Maruti Suzuki India Ltd.

Complete address of the Owner – Maruti Suzuki India Ltd, Old Palam, Gurgaon Road,
Gurgaon, Haryana-122015.

It is hereby certified that the plans submitted in Form BRS-I for the building detailed above are in conformity with the Haryana Building Code-2017 and the approved zoning plan of the plot. The structure has been designed in accordance with the provision of National Building Code for structures resistance to earthquakes and other natural hazards. The local soil conditions, its load bearing capacity and the underground water table etc have been kept in view while designing the same.

Dated 22/11/22


ISHWAR DAYAL AGARWAL
General Manager (Civil Projects-Infrastructure)
MARUTI SUZUKI INDIA LTD.
Gurgaon (Haryana)

Signature of Owner \ Authorised
Signatory
Mr. Ishwar Dayal Agarwal
Email :
IshwarDayal.Agarwal@maruti.co.in
Mobile no. 9999103034


SANGEETA JAIN
Architect
CA/90/13234

Signature of Architect
Ms. Sangeeta Jain
E-Mail :
jsangeeta322@gmail.com
Mobile no. 9910691761




Signature of Structural Engineer
For, Tata Consulting Engineers Ltd,
Mr. Rahul Tingre
[BE Civil – CE : M1552591]
Email : rbtingre@tce.co.in
Mobile no. 9175933217



HARYANA VIDYUT PRASARAN NIGAM LIMITED

REGD. OFFICE: - Shakti Bhawan, Sector-6, Panchkula

Corporate Identity Number: U40101HR1997SGC033683

O/o Chief Engineer/PD&C, HVPNL, Panchkula-134109

Website: www.hvsn.gov.in

E-mail – cepdc@hvsn.org.in

To

Superintending Engineer/Monitoring,
UHBVN, Panchkula.

Memo. No. R-1930/Ch-29 /HAP-240

Dated: 01.02.2023

Subject: Approval for connectivity for feeding 75.001 MVA load of M/s Maruti Suzuki India Limited, IMT Kharkhoda on 220 KV level through 220 KV D/C line from 220KV sub-station Pocket-A, IMT Kharkhoda, Sonipat.

This is in reference to your office memo no Ch-11/SE-Mon./Case file no.1690/SNP/2022-23 dated 07.11.2022 conveying the proposal duly approved by UHBVNL for providing connectivity for feeding 75.001MVA load to M/s Maruti Suzuki India Limited, IMT Kharkhoda on 220KV level through 220KV D/C line from 220KV S/Stn., Pocket-A, IMT Kharkhoda, Sonipat.

The proposal has been considered by WTD's HVPNL and approved as under:

Sr. No.	Description	Code
1.	To provide 220kV level connectivity to M/s MSIL, IMT Kharkhoda, Sonipat for creation of 220kV substation in their premises at their cost by self execution of work to feed their sanctioned load of 75.001MVA from 220 kV GIS S/Stn Pocket-A, IMT Kharkhoda in FY 2024-25.	-
2.	Creation of the 220 kV D/C line from 220kV GIS S/Stn Pocket-A, IMT Kharkhoda to M/s MSIL plant with 0.4 sq inch ACSR Zebra conductor (approx. length of 3.0 Km) as a deposit work of M/s MSIL for feeding the load of 75.001 MVA of M/s MSIL in FY 2024-25 matching with commissioning of 220kV sub-station GIS Pocket-A, IMT Kharkhoda.	2D4118*
3.	Creation of 2 no. 220kV line bays at 220kV GIS S/Stn Pocket-A, IMT Kharkhoda by HVPNL as a deposit work of M/s MSIL for accommodating the transmission line mentioned at sr. no. 2 above in FY 2024-25 matching with commissioning of 220kV sub-station GIS Pocket-A , IMT Kharkhoda.	2D4119*
4.	To include the works mentioned at Sr. No. 2 & 3 in the list of works of HVPNL in the financial year 2024-25 after ensuring financial tie up and HERC approval.	-

Note:

- All provisions of SE (Monitoring), UHBVNL, Panchkula conveyed vide memo no Ch-11/SE-Mon./Case file no.1690/SNP/2022-23 dated 07.11.2022 shall be complied by M/s Maruti Suzuki India Limited before granting connectivity from 220kV GIS sub-station Pocket-A, IMT Kharkhoda by TS Wing Panipat.
- M/s Maruti Suzuki India Limited, IMT Kharkhoda, Sonipat will adhere guidelines in respect of self-execution of work for creation of 220kV switchyard in their premises as per the guidelines issued vide Deputy Secretary (OP) Memo no. Ch-17/DSO/214/L-2 dated 25.04.2012.
- The charges involved for releasing the connection will be payable by M/s Maruti Suzuki India Limited as per Haryana electricity Regulatory Commission (duty to supply electricity, Power to recover expenditure incurred in providing supply and power to require security) regulations, 2016 dated July 11, 2016 amended from time to time.
- M/s Maruti Suzuki India Limited shall submit an undertaking with UHBVN and HVPNL to the fact that any cost chargeable from them (if worked out later on), shall be paid by them within 15 days from the date of issue on such demand by UHBVN and HVPNL.
- M/s Maruti Suzuki India Limited to enter into tripartite agreement with HVPNL & UHBVNL for construction of sub-station by them & deposit all applicable supervision/deposit cost charges before execution of work.

P.T.O.

f. M/s Maruti Suzuki India Limited shall provide metering arrangement at sending end and receiving end (optional) as per HERC Regulation of metering and in line with specifications & design requirements of UHBVNL & HVPNL.

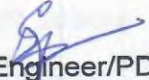
Chief Engineer (SO & Commercial), HVPNL, Panchkula to ensure the compliance of all Nigam's regulations/formalities including required metering equipments.

g. The consumer shall seek all mandatory approvals necessitated prior & post execution of work from respective authorities of HVPNL, UHBVNL, Civic bodies, other agencies and office of Chief Electrical Inspector, Haryana. The necessary required clearances from HSIIDC/UHBVN/HVPNL/HERC shall be arranged and taken by M/s Maruti Suzuki India Limited.

h. TS Wing/HVPNL shall ensure compliance of provision contained in Deputy Secretary/Operation, HVPNL office memo no. Ch-24/DSO-214/L-154/Vol-II dated 12.05.2017.

i. The instructions issued by FA/HQs, HVPNL, Panchkula on "GST incidence on the transaction of the sum received from external agencies for execution of Deposit Work" vide Memo No. GST20-21/05 dated 22.05.2020 may also be adhered.

The above WTDs HVPNL approval is conveyed by Company Secretary, HVPNL, Panchkula office U.O. No. 8227/WTDs 27.01.2023(10A) dated 30.01.2023.


Chief Engineer/PD&C,
HVPNL, Panchkula.

Copy to:

1. Chief Engineer/TS, HVPNL, Hisar.
2. Chief Engineer /P&M, HVPNL, Panchkula.
3. Chief Engineer/SO & Commercial, HVPNL, Panchkula.
4. Chief Engineer/ PD&C, UHBVNL, Panchkula.
5. Chief Engineer /Operation, UHBVNL, Panchkula.
6. Superintending Engineer /Contracts, HVPNL, Panchkula.
7. Superintending Engineer/ NCR Planning, HVPNL, Gurugram.
8. Superintending Engineer/ Planning, HVPNL, Panchkula.
9. Superintending Engineer/Design, HVPNL, Panchkula.
10. Superintending Engineer /Civil Design, HVPNL, Panchkula.
11. Superintending Engineer /TS, HVPNL, Rohtak.
12. Superintending Engineer /Purchase, HVPNL, Panchkula.
13. Superintending Engineer /Operation, UHBVNL, Sonipat.
14. Superintending Engineer /P&D, UHBVNL, Panchkula.
15. Company Secretary, HVPNL, Panchkula.
16. S.P.S. to MD, HVPNL, Panchkula for kind information of Managing Director, HVPNL please.
17. S.P.S. to MD, UHBVNL, Panchkula for kind information of MD, UHBVNL please.
18. S.P.S. to Director (Finance), HVPNL, Panchkula for information of Director (Finance) please.
19. S.P.S. to Director (Projects), HVPNL, Panchkula for information of Director (Projects) please.
20. S.P.S. to Director (Technical), HVPNL, Panchkula for information of Director (Tech.) please.
21. S.P.S. to Director (Projects), UHBVNL, Panchkula for information of Director (Projects) please.
22. S.P.S. to Director (Technical), UHBVNL, Panchkula for information of Director (Technical) please.
23. Deputy Secretary /Projects, HVPNL, Panchkula.
24. Executive Engineer/TS, HVPNL, Panipat.
25. Executive Engineer /System Study, HVPNL, Panchkula.
26. Executive Engineer /Planning, HVPNL, Panchkula.



HSIIDC

Industrial Model Township

Kharkhoda

Ph. No.: 0130-2550100

E-mail : ia.kharkhoda@hsiidc.org.in

No. HSIIDC:Engg.:KH: 870

Dated : 4-1-2024

M/s Maruti Suzuki India Limited
Plot No. 1, Nelson Mandela, Road, Vasant Kunj, New Delhi, India,
Pincode-110070

Subject: - Assurance for fresh water supply of 11000 KLD during operation phase proposed Industrial shed for Automobile Manufacturing (Integrated facilities) Unit situated at Plot No. 831, Industrial Model Township (IMT) Kharkhoda, Sonipat, Haryana, Pincode-131402 by M/s Maruti Suzuki India Limited.

Dear Sir,

This has reference to your letter no: MSIL/EMU/EMUP-N/126 dated 28.12.2023 on the subject cited matter

In this connection, it is intimated that required quantity of 11000 KLD water will be supplied by the HSIIDC to M/s MSIL as and when the infrastructure services of water supply will be completed at IMT Kharkhoda. The water connection can be taken by M/s MSIL from the water supply line of HSIIDC after receiving occupation certificate for the said project.

Thanking you,

Your's faithfully

For Hr. State Indl. & Infr. Dev. Corpn. Ltd.

Asstt. General Manager (Engg.)
IMT Kharkhoda

हरियाणा राज्य औद्योगिक एवं संरचना विकास निगम लिमिटेड

Haryana State Industrial and Infrastructure Development Corporation Limited

Regd. Office : C13-14, Sector-6, Panchkula - 131409, Tel. 0172-2590481-83, E-mail: contactus@hsiidc.org.in,

Website : www.hsiidc.org.in, hsiidcsewa.org.in CIN: U29199HR1967SGC034545

Maruti Suzuki India Limited, Kharkhoda, Sonipat, Haryana
Low flow fixtures GRIHA certificates

RP22GPC00019



GRIHA Council

This is to certify that the products of

“Jaquar & Co. Pvt. Ltd.”

Water Closets ((Flush Valves), (Flush Valves Dual Flow)) with suffix G
 Kitchen Faucets ((Single Lever Sink Mixers, Sink Mixers), (Sink Cocks)
 with suffix G, GA, GD, GE
 Lavatory Faucets ((Pillar Cocks / Basin Taps, Bib Cocks / 2-Way Bib Cocks, Single Lever Basin Mixer Wall
 Mounted (Kit), Conc. Stop Cocks with Basin Spout), (Central Hole / 3-Hole Basin Mixers,
 Single Lever Basin Mixers, Wall Mixers / Bath & Shower Mixers, Bath Tub Spouts,
 Bath Tub Mixer & Bath Fillers), (Sensor Faucets for Basin))
 with suffix G, GA, GD, GE
 Urinals with suffix G, G1
 Showers with suffix GA, GB

(Under typology Low flow Fixtures)

have been included in the GRIHA Product Catalogue under the following categories:

**GRIHA V.2019 criterion: 13; GRIHA V.2015 criterion: 14; GRIHA V.3 criterion: 11
 & SVAGRIHA criterion: 08**

The products can be used in GRIHA & SVAGRIHA registered projects to meet the GRIHA & SVAGRIHA norms, respectively. This is valid only for the products which have been mentioned above.

The certificate for the above mentioned products is valid from
04th June 2022 – 03rd June 2024

For JAQUAR & COMPANY PVT. LTD.


Authorized Signatory


Sanjay Seth
Chief Executive Officer

Note: This evaluation has been done based on the documentation - in the form of 3rd party test results and/or declarations - submitted by the manufacturer to GRIHA Council.

GRIHA Council is a joint initiative of Ministry of New and Renewable Energy, Government of India and The Energy and Resources Institute (TERI) to implement GRIHA (Green Rating for Integrated Habitat Assessment), India's National Rating System for Sustainable Habitats.
www.grihaindia.org



Maruti Suzuki India Limited, Kharkhoda, Sonipat, Haryana
Advertisement in News papers

Advertisement 1: The Tribune (Date-31.05.2024/Friday)

PUBLIC NOTICE

MARUTI  SUZUKI

MARUTI SUZUKI INDIA LIMITED

Regd. Office: 1, Nelson Mandela Road, Vasant Kunj,
New Delhi, India, Pincode — 110070

State Level Environment Impact Assessment Authority (SEIAA), Haryana has accorded environment clearance for the Proposed expansion of Industrial Shed for Automobile Manufacturing (Integrated facilities) Unit Situated at Plot No. 831, IMT Kharkhoda, Sonipat, Haryana, Pincode – 131402 to M/s Maruti Suzuki India Limited.

The copy of clearance letter is available on the website of MoEFCC - <https://parivesh.nic.in/>

Date: 31.05.2024

Maruti Suzuki India Limited

Advertisement 2: Dainik Jagran (Date-31.05.2024/Friday)

सार्वजनिक सूचना

MARUTI  SUZUKI

Maruti Suzuki India Limited

Regd. Office: 1, Nelson Mandela Road, Vasant Kunj,
New Delhi, India, Pin code-110070

राज्य स्तरीय पर्यावरण समाधान निर्धारण प्राधिकरण (एसईआईए), हरियाणा ने एम/एस मारुति सुजुकी इंडिया लिमिटेड को प्लॉट नंबर 831, आईएमटी खरखौदा, सोनीपत, हरियाणा, पिन कोड-131402 पर स्थित आटोमोबाइल विनिर्माण (एकीकृत सुविधाएं) इकाई के लिए औद्योगिक शेड के प्रस्तावित विस्तार के लिए पर्यावरणीय अनापत्ति दे दी है।

अनापत्ति पत्र की प्रति MoEFCC की वेबसाइट- <https://parivesh.nic.in/> पर उपलब्ध है।

दिनांक : 31.05.2024

मारुति सुजुकी इंडिया लिमिटेड।

Intimation of EC
Grant to concerned
Authorities

MSIL:CUIP:ESEC:ENV:24-25:090

03-September-2024

To,
The Deputy Commissioner,
Sonipat, Haryana.

Sub.: Request for display of environment clearance letter granted to M/s Maruti Suzuki India Limited.

Ref.:

1. Environment Clearance (EC) vide EC Identification no. EC24B3813HR5187061N dated 28.05.2024.
2. EC corrigendum Memo No: SEIAA (179)/HR/2024/252 dated 27.08.2024.

Dear Sir,

With reference to the subject matter, Maruti Suzuki India Limited (MSIL) has obtained Environment Clearance (EC Identification no. EC24B3813HR5187061N dated 28.05.2024) and subsequently received corrigendum (EC corrigendum Memo No: SEIAA (179)/HR/2024/252 dated 27.08.2024) for the Kharkhoda Plant for Automobile Manufacturing (Integrated Facilities) Unit situated at Plot No. 831, Industrial Model Township (IMT) Kharkhoda, Sonipat district of Haryana.

As per the conditions, we are hereby submitting the copy of EC to your esteemed office for display at the prominent places for 30 days.

Please acknowledge the letter after receiving the EC copy.

Thanking you,
Yours sincerely,

For M/s Maruti Suzuki India Limited,

18/9/24
Paresh Mani Sharma
Deputy General Manager-Environment

Deputy General Manager-Environment
Email: Pareshmani.sharma@maruti.co.in
Encl: As above

31/9/24
For Deputy Commissioner
Sonipat

MARUTI SUZUKI INDIA LIMITED

Head Office:
Maruti Suzuki India Limited,
1, Nelson Mandela Road, Vasant Kunj,
New Delhi - 110070, India.
Tel: 011- 46781000, Fax: 011-46150275/46150276
E-mail id: contact@maruti.co.in, www.marutisuzuki.com

Gurgaon Plant:
Maruti Suzuki India Limited,
Old Palam Gurgaon Road,
Gurgaon - 122015, Haryana, India.
Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant:
Maruti Suzuki India Limited,
Plot no.1, Phase - 3A, IMT Manesar,
Gurgaon - 122051, Haryana, India.
Tel: 0124-4884000, Fax: 0124-4884199

MSIL:CUIP:ESEC:ENV:24-25:095

04-September-2024

To,
The Estate Manager,
Haryana State Industrial & Infrastructure Development Corporation Ltd- Kharkhoda
Sonipat, Haryana.

Sub.: Request for display of environment clearance letter granted to M/s Maruti Suzuki India Limited.

Ref.:

1. Environment Clearance (EC) vide EC Identification no. EC24B3813HR5187061N dated 28.05.2024.
2. EC corrigendum Memo No: SEIAA (179)/HR/2024/252 dated 27.08.2024.

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As per the conditions, we are hereby submitting the copy of the EC to your esteemed office for display at the prominent places for 30 days.

Please acknowledge the letter after receiving the EC copy.

Thanking you,
Yours sincerely,

For M/s Maruti Suzuki India Limited,



Paresh Mani Sharma
DCM (Environment)
Paresh Mani Sharma
Deputy General Manager-Environment
Email: Pareshmani.sharma@maruti.co.in
Encl: As above



MARUTI SUZUKI INDIA LIMITED

Head Office:
Maruti Suzuki India Limited,
1, Nelson Mandela Road, Vasant Kunj,
New Delhi - 110070, India.
Tel: 011-46781000, Fax: 011-46150275/46150276
E-mail id: contact@maruti.co.in, www.marutisuzuki.com

Gurgaon Plant:
Maruti Suzuki India Limited,
Old Palam Gurgaon Road,
Gurgaon - 122015, Haryana, India
Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant:
Maruti Suzuki India Limited,
Plot no.1, Phase - 3A, IMT Manesar,
Gurgaon - 122051, Haryana, India.
Tel: 0124-4884000, Fax: 0124-4884199

MSIL:CUIP:ESEC:ENV:24-25:087

03-September-2024

To,
The Head,
Gram Panchayat, Gopalpur,
Sonipat,
Haryana.

Sub.: Request for display of environment clearance letter granted to M/s Maruti Suzuki India Limited.

Ref.:

1. Environment Clearance (EC) vide EC Identification no. EC24B3813HR5187061N dated 28.05.2024.
2. EC corrigendum Memo No: SEIAA (179)/HR/2024/252 dated 27.08.2024.

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As per the conditions, we are hereby submitting the copy of EC to your esteemed office for display at the prominent places for 30 days.

Please acknowledge the letter after receiving the EC copy.

Thanking you,
Yours sincerely,

For M/s Maruti Suzuki India Limited,

Paresh Mani Sharma

DCM (Env)

Paresh Mani Sharma
Deputy General Manager-Environment
Email: Pareshmani.sharma@maruti.co.in
Encl: As above

सरपंच
ग्राम पंचायत गापालपुर
खण्ड खरखोदा, मनीषा

MARUTI SUZUKI INDIA LIMITED

Head Office:
Maruti Suzuki India Limited,
1, Nelson Mandela Road, Vasant Kunj,
New Delhi - 110070, India.
Tel: 011-46781000, Fax: 011-46150275/46150276
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Maruti Suzuki India Limited,
Plot no.1, Phase - 3A, IMT Manesar,
Gurgaon - 122051, Haryana, India.
Tel: 0124-4884000, Fax: 0124-4884198

MSIL:CUIP:ESEC:ENV:24-25:091

03-September-2024

To,
The Secretary,
Municipal Committee Kharkhoda,
Kharkhoda, Sonipat,
Haryana.

Sub.: Request for display of environment clearance letter granted to M/s Maruti Suzuki India Limited.

Ref.:

1. Environment Clearance (EC) vide EC Identification no. EC24B3813HR5187061N dated 28.05.2024.
2. EC corrigendum Memo No: SEIAA (179)/HR/2024/252 dated 27.08.2024.

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As per the conditions, we are hereby submitting the copy of EC to your esteemed office for display at the prominent places for 30 days.

Please acknowledge the letter after receiving the EC copy.

Thanking you,
Yours sincerely,

For M/s Maruti Suzuki India Limited,

Paresh Mani Sharma
Paresh Mani Sharma
DGM (Environment)

Maruti Suzuki India Limited
Paresh Mani Sharma

Deputy General Manager-Environment

Email: Pareshmani.sharma@maruti.co.in

Encl: As above

MARUTI SUZUKI INDIA LIMITED

Head Office:

Maruti Suzuki India Limited,
1, Nelson Mandela Road, Vasant Kunj,
New Delhi - 110070, India.

Tel: 011-46781000, Fax: 011-46150275/46150276
E-mail: contact@maruti.co.in, www.marutisuzuki.com

CIN: L34103DL1981PLC011375

Gurgaon Plant:

Maruti Suzuki India Limited,
Old Palam Gurgaon Road,
Gurgaon - 122015, Haryana, India.

Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant:

Maruti Suzuki India Limited,
Plot no.1, Phase - 3A, IMT Manesar,
Gurgaon - 122051, Haryana, India.

Tel: 0124-4884000, Fax: 0124-4884199

Received
03/09/24

MSIL:CUIP:ESEC:ENV:24-25:088

03-September-2024

To,
The Head,
Gram Panchayat, Rampur,
Sonipat,
Haryana.

Sub.: Request for display of environment clearance letter granted to M/s Maruti Suzuki India Limited.

Ref.:

1. Environment Clearance (EC) vide EC Identification no. EC24B3813HR5187061N dated 28.05.2024.
2. EC corrigendum Memo No: SEIAA (179)/HR/2024/252 dated 27.08.2024.

Dear Sir,


With reference to the subject matter, Maruti Suzuki India Limited (MSIL) has obtained Environment Clearance (EC Identification no. EC24B3813HR5187061N dated 28.05.2024) and subsequently received corrigendum (EC corrigendum Memo No: SEIAA (179)/HR/2024/252 dated 27.08.2024) for the Kharkhoda Plant for Automobile Manufacturing (Integrated Facilities) Unit situated at Plot No. 831, Industrial Model Township (IMT) Kharkhoda, Sonipat district of Haryana.

As per the conditions, we are hereby submitting the copy of EC to your esteemed office for display at the prominent places for 30 days.

Please acknowledge the letter after receiving the EC copy.

Thanking you,
Yours sincerely,

For M/s Maruti Suzuki India Limited,
DGM (Environment)


Paresh Mani Sharma
Deputy General Manager-Environment
Email: Pareshmani.sharma@maruti.co.in
Encl: As above


जयप्रकाश सरफेल
ग्राम पंचायत रामपुर
तहसील खरखोदा (सोनीपत)

MARUTI SUZUKI INDIA LIMITED

Head Office:
Maruti Suzuki India Limited,
1, Nelson Mandela Road, Vasant Kunj,
New Delhi - 110070, India.
Tel: 011-46781000, Fax: 011-48150275/46150278
E-mail id: contact@maruti.co.in, www.marutisuzuki.com

Gurgaon Plant:
Maruti Suzuki India Limited,
Old Palem Gurgaon Road,
Gurgaon - 122015, Haryana, India.
Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant:
Maruti Suzuki India Limited,
Plot no.1, Phase - 3A, IMT Manesar,
Gurgaon - 122051, Haryana, India.
Tel: 0124-4884000, Fax: 0124-4884199

Maruti Suzuki India Limited, Kharkhoda, Sonipat, Haryana
Environmental & Energy Policy

MARUTI  SUZUKI

पर्यावरण और ऊर्जा नीति

हमारी अगली पीढ़ी को एक स्वच्छ, सुरक्षित और स्वस्थ वातावरण देने के लिए, हम अपनी व्यावसायिक गतिविधियों, उत्पादों और सेवाओं के परिणामस्वरूप पर्यावरणीय प्रभाव को निम्नलिखित तरीके से कम करने के लिए प्रतिबद्ध हैं:

- ❖ ऊर्जा संरक्षण, अक्षय ऊर्जा के उपयोग, पर्यावरण अनुकूल खरीद और उत्पादों के विकास द्वारा कार्बन डाइऑक्साइड उत्सर्जन में निरंतर कमी के लिए प्रयास करते रहना।
- ❖ प्राकृतिक संसाधनों के सतत उपयोग के लिए शो-शो-कै-तान-बी (छोटा, कम, हल्का, लघु और साफ सुथरा) और 3 आर (कम उपयोग, पुनः उपयोग, पुनः चक्रण) के सिद्धांतों का पालन करते रहना।
- ❖ पर्यावरण प्रबंधन प्रणाली को मजबूत करना और अनुपालन दायित्वों से बढ़कर काम करते रहना।
- ❖ हमारे नियंत्रण क्षेत्र में कार्य करने वाले सभी व्यक्तियों के बीच पर्यावरण जागरूकता को बढ़ावा देते रहना।

इस नीति की नियमित रूप से समीक्षा की जाएगी और इच्छुक व्यक्ति तथा समूह को उपलब्ध कराई जाएगी।

दिनांक: 23 मई, 2022



हिसाशी ताकेउचि
 प्रबंध निदेशक एवं सीईओ

Maruti Suzuki India Limited, Kharkhoda, Sonipat, Haryana
Environmental & Energy Policy



Environmental & Energy Policy

In order to pass on a cleaner, safer and healthier environment to our next generation, we are committed to mitigate environmental impact resulting from our business activities, products and services by:

- ❖ Striving for continual reduction of CO₂ emissions by energy conservation, use of renewable energy, green sourcing and developing clean products.
- ❖ Following principles of Sho-Sho-Kei-Tan-Bi (smaller, fewer, lighter, shorter, and neater) and practicing 3R (reduce, reuse, recycle) for sustainable use of natural resources.
- ❖ Strengthening environmental management system and working beyond compliance obligations.
- ❖ Promoting environmental awareness among all persons working under our control.

This Policy shall be regularly reviewed and made available to interested parties.

Date: 23rd May, 2022



A handwritten signature in black ink, appearing to read "Hisashi Takeuchi".

Hisashi Takeuchi
Managing Director & CEO

SPEED POST

J 13012/06/2009-IA.II (T)

**Government of India
Ministry of Environment & Forests**



Ph: 011-2436 3973
e-mail:plahujarai@yahoo.com
Paryavaran Bhawan
CGO Complex, Lodi Road
New Delhi-110 003
Dated: June 3, 2011

To

M/s Maruti Suzuki India Ltd.
Gurgaon Plant
Palam Gurgaon Road
Gurgaon - 122 015
Haryana

***Sub: Expansion of 77.5 MW to 83.0 MW by addition of 6.0 MW
Gas Based Captive Power Plant at Gurgaon Plant, in
Haryana - reg. Environmental Clearance.***

Sir,

The undersigned is directed to refer to your letter no. MSIL:PDRS:EGM:10-11:0074, dated 18.01.2011 on the subject mentioned above seeking environmental clearance under the provisions of EIA Notification, 2006. The Ministry of Environment & Forests has examined the application.

2. It has been noted that the proposal is for expansion of existing 77.5 MW unit by addition of 6.0 MW Gas Based Captive Power Plant at Gurgaon, in Gurgaon Distt., in Haryana. The existing units are 3x20 MW Gas Turbines and 17.5 MW Steam Turbine. Land requirement will be 0.068 hectares, which is within the existing Maruti Plant which is an Industrial area. The co-ordinates of the site are at Latitude 28°29'32.09" N to 28°29'55.58"N and Longitude 77°03'37.43" E to 77°04'36.49"E. Fuel will be natural gas. Natural Gas requirement will be 0.0279 MMSCMD. Water requirement will be 0.002 MLD and will be met from the existing water supplied by Haryana Development Authority. There are no national parks, wildlife sanctuaries, heritage sites, tiger/biosphere reserves etc. within 10 km of the site. Cost of the project will be Rs 30.0 Crores.

3. The project has been considered in accordance with the provisions of the EIA notification issued by the Ministry of Environment & Forests vide S.O. 1533 (E), dated September 14, 2006. The proposal is a 'B' Category project. Due to location of project within 10 Km of inert-state boundary, Expert Appraisal Committee (Thermal) in the Ministry has appraised the project as per General Conditions of EIA Notification, 2006.

4. Based on the information submitted by you as at para no.2 above and others and presentation made by you before the Expert Appraisal Committee (Thermal) in the 22nd Meeting held during April 4-5, 2011, the Ministry of Environment and Forests hereby *accords environmental clearance* to the above project under the provisions of EIA notification dated September 14, 2006, subject to the compliance of the following Specific and General conditions:

A. Specific Conditions:

- i) In case fuel for running the power plant is proposed to be changed from natural gas to other fuel (liquid or solid) the project proponent shall apply for such a change in environmental clearance along with necessary documents as required under EIA notification, 2006 (and its amendments). In such a case the necessity for holding public hearing again or otherwise will be determined by the Ministry in consultation with the Expert Appraisal Committee (Thermal Power).
- ii) Mass Spectrometer based Helium detector to detect the gas leakage shall be installed.
- iii) Concentration for photochemical oxidants shall be monitored along with NO_x and permanent monitoring stations shall be installed at appropriate location in consultation with the Central / State pollution Control Board.
- iv) COC of 5.0 shall be adopted.
- v) No ground water shall be extracted for the project work at any stage.
- vi) It shall be ensured that the area drainage is not disturbed due to the proposed expansion.
- vii) The treated effluents conforming to the prescribed standards only shall be reused to the extent possible and excess discharged. Arrangements shall be made that effluents and storm water do not do not get mixed.
- viii) A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt/plantation. Continuous monitoring of effluent discharge shall be undertaken and it shall be ensured that when discharge enters the natural drain the temperature of effluent shall be at ambient.
- ix) Monitoring of ground and surface water quality (if any nearby) shall be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction

of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.

- x) A well designed rainwater harvesting shall be put in place. Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rainwater harvesting technology within **a period of three months** from the date issue of clearance and details shall be furnished. Status of implementation shall be submitted to the Regional Office of the Ministry.
- xi) Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires especially during summer season. Measures taken with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.
- xii) Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA at 1m from the source of noise. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/less noisy areas.
- xiii) NO_x emission from each Gas Turbine shall not exceed 50 ppm.
- xiv) Stacks of 70 m shall be provided with continuous online monitoring equipments. Exit velocity of flue gases shall not be less than 22 m/sec.
- xv) Regular monitoring of ground level concentration of SO₂, NO_x, RSPM (PM₁₀ & PM_{2.5}) etc. shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry. The data shall also be put on the website of the company.
- xvi) An amount of Rs 0.12 Crores shall be earmarked as one time capital cost for CSR programme. Subsequently a recurring expenditure of Rs 0.024 Crores per annum till the life of the plant shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be **submitted within one month** along with road map for implementation.
- xvii) CSR scheme shall be identified based on need based assessment in and around the villages within 5 km of the site and in constant

consultation with the village Panchayat and the District Administration. As part of CSR prior identification of local employable youth and eventual employment in the project after imparting relevant training shall be also undertaken. As part of CSR vocational training programme for possible self employment and jobs shall be imparted to identify villagers free of cost.

- xviii) It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.
- xix) Green Belt consisting of 3 tiers of plantations around the plant with adequate tree density not less than 2500 per ha and survival rate not less than 80 % shall be developed. The green belt developed shall not be less than 33% of the total area.

B. General Conditions:

- i) Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS (if any) shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.
- ii) First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.
- iii) Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- iv) The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>.
- v) A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, urban local Body and the Local NGO, if any, from whom suggestions/representations, if any, received while processing the

proposal. The clearance letter shall also be put on the website of the Company by the proponent.

- vi) An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the organization.
- vii) The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.
- viii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well by e-mail) to the respective Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.
- ix) **The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.**
- x) Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six monthly basis. **Criteria pollutants levels including NO_x (from stack & ambient air) shall be displayed at the main gate of the power plant and in public domain.**
- xi) Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.

xii) The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.

xiii) Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Bangalore / CPCB/ SPCB who would be monitoring the compliance of environmental status.

4. The Ministry of Environment and Forests reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry. The Ministry may also impose additional environmental conditions or modify the existing ones, if necessary.

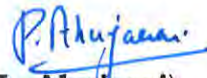
5. The environmental clearance accorded **shall be valid for a period of five years** to start operations by the power plant.

6. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

7. In case of any deviation or alteration in the project proposed including coal transportation system from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.

8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 2008 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.

Yours faithfully,


(Dr. P.L. Ahujarai)
Scientist 'F'

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
2. The Secretary (Environment), Forests and Environment Department Government of Maharashtra.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.

4. The Chairman, Haryana Pollution Control Board, .C-11, Sector-6, Panchkulla.
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi- 110032.
6. The Chief Conservator of Forests (C), Regional Office (NZ), Ministry of Environment & Forests, Sector -31A, Dakshin Marg, Chandigarh - 160 030.
7. The District Collector, Gurgaon District, Govt. of Haryana.
8. The Director (EI), MOEF.
9. Guard file.
10. Monitoring file.

(Dr. P.L. Ahujarai)
Scientist 'F'

MSIL:CUIP:ESEC:ENV:2024-25:143

27 -Nov-2024

To
Ministry of Environment, Forest, and Climate Change
Integrated Regional Office
Bays No 24-25, Sector – 31 A
Dakshin Marg
Chandigarh - 160030

Sub: Half yearly report for the compliance of conditions given in Environmental Clearance for Expansion of 77.5 MW to 83.5 MW by addition of 6.0 MW Gas Based Captive Power Plant at Gurgaon Plant, Haryana by M/s Maruti Suzuki India Ltd.

Ref: Environment Clearance Letter from MoEF–J-13012/06/2009-IA-II(T) dated **June 3, 2011.**

Dear Sir,

Enclosed please find herewith the half yearly compliance report for the period of April 24 to September 24 related to environment clearance issued for 6.0 MW Gas based Captive Power Plant.

Thanking You

Yours Faithfully


Paresh Mani Sharma
DGM (Environment)
Maruti Suzuki India Limited

Paresh Mani Sharma
Deputy General Manager (Environment)
Maruti Suzuki India Limited, Gurgaon.

CC: 1. Haryana State Pollution Control Board, Panchkula
2. Central Pollution Control Board, Lucknow

MARUTI SUZUKI INDIA LIMITED**Head Office:**

Maruti Suzuki India Limited,
1, Nelson Mandela Road, Vasant Kunj,
New Delhi - 110070, India.
Tel: 011- 46781000, Fax: 011-46150275/46150276
E-mail id: contact@maruti.co.in, www.marutisuzuki.com

Gurgaon Plant:

Maruti Suzuki India Limited,
Old Palam Gurgaon Road,
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Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant:

Maruti Suzuki India Limited,
Plot no.1, Phase - 3A, IMT Manesar,
Gurgaon - 122051, Haryana, India.
Tel: 0124-4884000, Fax: 0124-4884199

“Six Monthly Compliance Report”

April 24 to September 24

For the conditions stipulated in
Environmental Clearance for Expansion
of 77.5 MW to 83.5 MW by addition of
6.0 MW Gas based Captive Power Plant



Submitted by-

M/s Maruti Suzuki India Limited,
Gurugram Plant, Palam Gurugram Road
Gurugram-122015, Haryana

MARUTI SUZUKI INDIA LIMITED, GURGAON, HARYANA

Ref: Environment clearance letter from MOEF - No. J-13012/06/2009-IA-II (T) dated :03-June- 2011

S. No.	Stipulated Condition in Environment Clearance	Compliance status
A. Specific conditions		
i.	In case fuel for running the power plant is proposed to be changed from natural gas to other fuel (liquid or solid) the project proponent shall apply for such a change in environmental clearance along with necessary documents as required under EIA notification, 2006 (and its amendments. In such a case the necessity for holding public hearing again or otherwise will be determined by the Ministry in consultation with the Expert Appraisal Committee (Thermal Power).	Natural Gas is used as primary fuel. HSD is used as pilot and standby fuel.
ii.	Mass Spectrometer based Helium detector to detect the gas leakage shall be installed.	Installed.
iii.	Concentration for photochemical oxidants shall be monitored along with NOx and permanent monitoring stations shall be installed at appropriate location in consultation with the Central / State pollution Control Board.	Permanent monitoring stations installed.
iv.	COC of 5.0 shall be adopted	Closed cycle air cooled cooling towers are used.
v.	No ground water shall be extracted for the project work at any stage.	Canal water supply is used for the proposed project.
vi.	It shall be ensured that the area drainage is not disturbed due to the proposed expansion.	Maruti Suzuki India Ltd is located in the industrial area and the proposed thermal power plant is located in this premises and area drainage has not been disturbed.
vii.	The treated effluents conforming to the prescribed standards only shall be reused to the extent possible and excess discharged. Arrangements shall be made that effluents and storm water do not get mixed.	There is no effluent generation as closed cycle air cooled cooling tower is used.
viii.	A sewage treatment plant shall be provided (as applicable) and the treated sewage shall be used for raising greenbelt / plantation. Continuous monitoring of effluent discharge shall be undertaken, and it shall be ensured that when discharge enters the natural drain the temperature of effluent shall be at ambient.	Sewage treatment plant of adequate capacity is already installed. The treated sewage is recycled for manufacturing process and horticulture.

ix.	Monitoring of ground and surface water quality (if any nearby) shall be regularly conducted and records maintained. The monitored data shall be submitted to the Ministry regularly. Further, monitoring points shall be located between the plant and drainage in the direction of flow of ground water and records maintained. Monitoring for heavy metals in ground water shall be undertaken.	There is no surface water source. All borewells in MSIL Gurgaon are closed now and intimation in this regard is already submitted to Central Ground Water Authority (CGWA) and Haryana Water Resources (Conservation, Regulation and Management) Authority (HWRA). Intimation letter is attached as Annexure 1 .
x.	A well-designed rainwater harvesting shall be put in place. Central Groundwater Authority/ Board shall be consulted for finalization or appropriate rainwater harvesting technology within a period of three month from the date issue of clearance and details shall be furnished. Status of implementation shall be submitted to the Regional Office of the Ministry.	Rainwater harvesting structures are already constructed in premises.
xi.	Adequate safety measures shall be provided in the plant area to check / minimize spontaneous fires especially during summer season. Measures taken with full details along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry.	Safety measures provided in the EIA report shall be implemented.
xii.	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited to 75 dBA at 1m from the source of noise. For people working in the high noise area, requisite personal protective equipment like earplugs/ ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine area, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy / less noisy areas.	Noise level is monitored in the area. Reports are attached in Annexure 2 . PPE like earplug / ear muffs are provided to person working in high noise area. Periodic audiometric records of persons working in area are maintained.
xiii.	NO _x emission from each Gas Turbine shall not exceed 50 ppm.	Complied. Reports for stack emission monitoring are attached as Annexure 3 .
xiv.	Stacks of 70 m shall be provided with continuous online monitoring equipment's. Exit velocity of flue gases shall not be less than 22 m/sec.	70 m Chimney installed with continuous online monitoring equipment's. Reports for stack emission monitoring are attached as Annexure 3 .
xv.	Regular monitoring of ground level concentration of SO ₂ , NO _x , RSPM (PM ₁₀ & PM _{2.5}) etc. shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. the location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the regional Office of this Ministry. The data shall also be put on the website of the company.	Ambient air quality is monitored quarterly by NABL approved third party and reports are placed at Annexure 4 .

xvi.	An amount of Rs 0.12 Crores shall be earmarked as one-time capital cost for CSR programme. Subsequently a recurring expenditure of Rs 0.024 Crores per annum till the life of the plant shall be earmarked as recurring expenditure for CSR activities. Details of the activities to be undertaken shall be submitted within one month along with road map for implementation.	Detailed report of CSR is placed at Annexure 5 .
xvii.	CSR scheme shall be identified based on need-based assessment in and around the village within 5 km of the site and in constant consultation with the village Panchayat and the District Administration. As part of CSR prior identification of local employable youth and eventual employment in project after imparting relevant training shall be also undertaken. As part of CSR vocational training programme for possible self-employment and jobs shall be imparted to identify villagers free of cost.	
xviii.	It shall be ensured that in-built monitoring mechanism for the schemes identified is in place and annual social audit shall be got done from the nearest government institute of repute in the region. The project proponent shall also submit the status of implementation of the scheme from time to time.	
xix.	Green Belt consisting of 3 tiers of plantations around the plant with adequate tree density not less than 2500 per ha and survival rate not less than 80% shall be developed. The green belt developed shall not be less than 33% of the total area.	Green belt of power plant area is placed at Annexure 6 .

B. General Conditions

i.	Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/ LSHS (if any) shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur content in liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	For stand by fuel, existing HSD storage tanks 300 KL x 2 Nos is utilized. License is available for these storage tanks.
ii.	First Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Adequate arrangements were provided during the construction phase.
iii.	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	No construction labour stayed at the site during construction.

iv.	The project proponent shall advertise in at least two local newspapers widely circulated in region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/ Committee and may also be seen at Website of the Ministry of Environment and Forests at http:// envfor.nic.in .	Advertised in two local newspapers. Copy of the notice attached herewith at Annexure 7 .
v.	A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parisad/ Municipal corporation, urban local body and the Local NGO, if any, from whom suggestions/ representations, if any, received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Complied.
vi.	An Environmental Cell shall be created at the project site itself and shall be headed by an officer of appropriate seniority and qualification. It shall be ensured that the Head of the Cell shall directly report to the Head of the organization.	A separate Environment Management department has been created.
vii.	The proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB.	Provided.
viii.	The project proponent shall also submit six monthly reports on the status of the stipulated EC conditions including results of monitored data (both in hard copies as well by e-mail) to the respective Regional Office of MOEF, the respective Zonal OFFICE of CPCB and the SPCB.	Six monthly compliance report is submitted by June and December of every year.
ix.	The project proponent shall submit six monthly reports on the status of the implementation of the stipulated environmental safeguards to the Ministry of Environment and Forests, its Regional Office, Central Pollution Control Board and State Pollution Control Board. The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment, and forests.	

x.	Regional Office of the Ministry of Environment & Forests will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project proponent will up-load the compliance status in their website and up-date the same from time to time at least six-monthly basis. Criteria pollutants levels including NO _x (from stack & ambient air) shall be displayed at the main gate of the power plant and in public domain.	Provided.
xi.	Separate funds shall be allocated for implementation or environmental protection measures measured along with item-wise break-up. These costs shall be included as part of the project cost. The funds earmarked for the environment protection measured shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.	Funds allocated for environment protection measures are not diverted.
xii.	The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.	Maruti Suzuki India Ltd is located in the industrial area and the proposed thermal power plant is located inside the premises. No Land development is required. Plant has been commissioned.
xiii.	Full cooperation shall be extended to the Scientists/Officers from the Ministry/ Regional Office of the Ministry at Bangalore / CPCB / SPCB who would be monitoring the compliance of environmental status.	Full co-operation will be extended to the officers from MoEFCC/CPCB/SPCB.

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
NORHTERN REGIONAL OFFICE
CHANDIGARH

DATA SHEET

1.	Project Type (River Valley/Mining/Industry /Refinery/Transportation Tourism / Thermal / Nuclear/Construction Projects)	Thermal
2.	Name of the Project:	Expansion of captive thermal power plant from 77.5 MW to 83.5 MW at Maruti Suzuki India Limited, Gurugram
3.	Clearance letter (s)/ O.M No. & dates:	J-13012/06/2009-IA. II(T) dated 03.06.2011
4.	Location: a) District (s) b) State (s) c) Latitudes/Longitudes	District: Gurugram State: Haryana Latitude: 28°29'42.9" N Longitude: 77°04'28.9" E
5.	Address for correspondence: a) Address for Correspondence b) Address of executive Project In-charge	Mr. Paresh Mani Sharma Deputy General Manager – Environment Maruti Suzuki India Limited Palam Gurgaon Road Gurugram, Haryana Email: Pareshmani.shamra@maruti.co.in Phone 0124 – 4393583 Mr. Bineet Arora Assistant Vice President – EMU Maruti Suzuki India Limited Palam Gurugram Road Gurugram, Haryana Email: Bineet.arora@maruti.co.in Phone 0124 – 2346721 ~ 30
6.	Salient Features: a) of the project b) of the environmental management plans	Salient Features of the project and Environmental Management Plant details is enclosed in Annexure A .
7.	Break up of the project area: a) Submergence area: Forest & Non-forest b) Others	Not Applicable The project will be located within MSIL premises in the industrial area.
8.	Break up of the project affected population with enumeration of those losing house /dwelling units only, agricultural land only both dwelling units and agricultural land and landless laborers/artisans. a) SC/ST/Adivasis b) Others (Please indicate whether these figures are based on any scientific and systematic	Not Applicable

	survey carried out or only provisional figures. If a survey has been carried out, give details and year of survey)	
9.	<p>Financial details:</p> <p>a) Project cost as originally planned and subsequent revised estimates and the year or price reference.</p> <p>b) Allocations made for environmental management plans with item wise and year wise break up.</p> <p>c) Benefit cost ratio/Internal Rate of Return and the year of assessment.</p> <p>d) Whether (c) includes the cost of environment management as shown in b) above.</p> <p>e) Actual expenditure incurred on the project so far.</p> <p>f) Actual expenditure incurred on the environmental management plans so far:</p>	<p>Original: 30 Cr.</p> <p>Included above</p> <p>-</p> <p>-</p> <p>-</p> <p>Rs. 6.67 Cr.</p>
10.	<p>Forest land requirement:</p> <p>a) The status of approval for diversion of forest land for non-forestry use.</p> <p>b) The status of clear felling.</p> <p>c) The status of compensatory afforestation of clear felling. If any.</p> <p>d) Comments on the viability & sustainability of compensatory afforestation programmes in the light of actual field experience so far.</p>	Not Applicable
11.	The status of clear felling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information.	Not Applicable
12.	<p>Status of construction.</p> <p>a) date of commencement (actual and/ or planned)</p> <p>b) Date of completion (actual and / or planned)</p>	<p>Jun'11</p> <p>Jan'13</p>
13.	Reasons for the delay if the project is yet to start:	Not Applicable

SALIENT FEATURES OF PROJECT

1. Name of the Project : Gas Engine at Maruti Suzuki India Limited, Gurgaon, Haryana
2. Capacity : 6 MW
3. Location : Maruti Suzuki India Limited, Gurgaon.
4. Total project cost : Rs. 30 Crores
5. Land Area : 680 sq m

ENVIRONMENTAL MANAGEMENT PLAN

Water Pollution control:

- The Gas Engine is air cooled hence the waste water generated shall be very minimum. Existing ETP will treat the effluent arising out of the plant operation and the treated waste water will be reused.

Air Pollution control:

- Stack of the Gas Engine shall be maintained at 70m.
- The NO_x emissions will be below 50 ppm.

Noise Pollution Control:

- The noise from Gas Engine will be controlled by acoustic enclosures. The noise level at the periphery of factory/premises will not exceed the ambient noise level.

Ground Water:

- Rain water harvesting lagoons have been constructed to take care of surface run off and recharge the aquifers.

Green belt development:

- Adequate green area with local area species having capacities to reduce SPM and noise levels.

Closure letter to HWRA and CGWB

Date: 22/10/2021

MSIL: 21-22/EMU/015

To,
The Chairperson,
Haryana Water Resource Authority (HWRA),
Sinchai Bhawan, Sector 5
Panchkula, Haryana 134109.

Sub: Request for obtaining the certificate for closure of borewells (12 Nos) in the premises of Maruti Suzuki India Ltd. (MSIL), Palam Gurgaon Road, Gurgaon (Haryana).

Ref: 1) Online NOC application no: 21-4/1978/HR/IND/2019 dated: 22/07/2019.
2) Query raised by CGWA on the online application on 22-Oct-2020 via email.
3) Reply to the query via letter no. EMU/EMM-G2/02/20-21 dated 09-Nov-2020.
4) Query raised by CGWA on the online application on 27-Nov-2020 via email.
5) MSIL request letter for closure of all borewells via letter no. EMU/EMM-G2/03/20-21 dated 24-Mar-21
6) HWRA communication on email dated 06 Oct 2021

Dear Sir,

With reference to the HWRA communication with subject "Notice to cases pending with CGWA" dated, we wish submit to your kind office that we had applied an online application for obtaining "NOC" for extracting ground water in our premises of Maruti Suzuki India Ltd, Palam Gurgaon Road, District Gurugram, Haryana.

However, considering the availability of canal water from govt. supply, it was decided to close all the 12 tube wells. In this regards, an intimation letter was already submitted to Central Ground Water Board, Chandigarh on 24 March 2021 (attached as Annexure A).

As per the notification of CGWA 2020, all tube wells (12 Nos) were properly filled upto the ground level and sealed. The photographic evidence of closed tube wells is attached as Annexure B.

Therefore, we request your good office to close our Online NOC application No: 21-4/1978/HR/IND/2019 dated: 22/07/2019 and issue a certificate for confirming the closure of tube wells in MSIL premises.

In case any further information is required in this regard, we request your good office to let us know and we shall submit the same.

Yours Sincerely,
For **Maruti Suzuki India Ltd.**

Bineet Arora
22/10/21

Bineet Arora

General Manager (EMU Division)

BINEET ARORA
GENERAL MANAGER
MARUTI SUZUKI INDIA LTD.
GURUGRAM-122015 (HR.)

Enclosure: **GURUGRAM-122015 (HR.)**

Annexure A – Letter of intimation for closure of tube wells

Annexure B – Photographs for tube wells closure.

MARUTI SUZUKI INDIA LIMITED

Head Office:

Maruti Suzuki India Limited,
1, Nelson Mandela Road, Vasant Kunj,
New Delhi - 110070, India.
Tel: 011- 46781000, Fax: 011-46150275/46150276
E-mail id: contact@maruti.co.in, www.marutisuzuki.com

Gurgaon Plant:

Maruti Suzuki India Limited,
Old Palam Gurgaon Road,
Gurgaon - 122015, Haryana, India.
Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant:

Maruti Suzuki India Limited,
Plot no.1, Phase - 3A, IMT Manesar,
Gurgaon - 122051, Haryana, India.
Tel: 0124-4884000, Fax: 0124-4884199

MSIL: EMU/EMM-G2/ 03/20-21

Date: 24/03/2021

To,

Regional Director,
Central Ground Water Board,
North Western Region,
Bhujal Bhawan, Plot # 3-B,
Sector 27-A, Madhya Marg,
Chandigarh- 160019.

Sub: Request for closure of online application "NOC" for extracting ground water at our Maruti Suzuki Palam Gurgaon Road, Gurgaon & District Gurgaon, Haryana.

- Ref:** 1) Online NOC application no: 21-4/1978/HR/IND/2019 dated: 22/07/2019.
2) Query raised by CGWA on the online application on 22-Oct-2020 via email.
3) Reply to the query via letter no. EMU/EMM-G2/02/20-21 dated 09-Nov-2020.
4) Query raised by CGWA on the online application on 27-Nov-2020 via email.

Dear Sir,

With reference to above, we had applied an online application for obtaining "NOC" for extracting ground water in our premises of Maruti Suzuki India Ltd, Palam Gurgaon Road, District Gurugram, Haryana.

However, considering the availability of canal water from govt. supply, it is decided to close all the 12 registered tube wells as per the application.

So we request you to close the Online NOC application No: 21-4/1978/HR/IND/2019 dated: 22/07/2019.

We also request you to consider this letter as intimation for the closure of all 12 tube wells of MSIL Gurgaon Plant.

Yours Sincerely,

For Maruti Suzuki India Ltd.

Naresh
Naresh Kumar Garg

Asst. Gen. Manager (EMM-M2)

MSIL/HR/Cash/MSIL/03

Track on www.indiapost.gov.in



EN613493380IN INR:6972613493380

SP PALAM ROAD SD (122015)

Counter No:3.25/03/2021.13:39

To:REGIONAL DIRECTOR,C

PIN:160019, Sector 19 Chandigarh SD

From:MS I LTD,G

Wt:50gms

MSIL/HR/Cash/MSIL/03

Enclosure: Online application 21-4/1978/HR/IND/2019 dated: 22/07/2019.

MARUTI SUZUKI INDIA LIMITED

Head Office

Maruti Suzuki India Limited.

1, Nelson Mandela Road, Vasant Kunj

New Delhi - 110070, India

Tel: 011-46781000, Fax: 011-46150275/46150276

E-mail id: contact@maruti.co.in, www.marutisuzuki.com

Gurgaon Plant

Maruti Suzuki India Limited.

Old Palam Gurgaon Road,

Gurgaon - 122015, Haryana, India

Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant





































Maruti Suzuki India Limited.

Plot no.1, Phase - 3A, IMT Manesar

Gurgaon - 122051, Haryana, India

Tel: 0124-4884000, Fax: 0124-4884199

Tubewell List "Annexure-B"

Sr No.	Tube well	Location	Before Dismantling Picture	After Dismantling Picture	After Civil Work Complete	Remarks
1	Tube well# 1	Front Diesel Shop Park				Closed
2	Tube well# 2	Near Main gate				Closed
3	Tube well# 3	SND near Car washing area				Closed
4	Tube well# 4	Gas Turbine				Closed
5	Tube well# 5	Coil Store				Closed
6	Tube well# 6	Near Raw water tank-4				Closed
7	Tube well# 7	ED Paint Shop				Closed
8	Tube well# 8	South Drain				Closed
9	Tube well# 9	Contacto Yard Park				Closed
10	Tube well# 10	Material Gate				Closed
11	Tube well# 11	Canteen-1				Closed
12	Tube well# 12	North drain				Closed

Noise Level Monitoring Reports

Amended Test Reports (Amended on 14-11-2024)

Issued to :

MSIL Gurgaon Plant
Old Palam Gurgaon Road
Gurgaon-122015
Haryana, India

J.O. No. : ENV20240605-016-067
ULR Code : TC5503 24 3 00008365 F
Report Date : 14/11/2024
Sample Receipt Date : 05/06/2024
Account Manager : BD Team 6
Credit Manager : Septesh Kumar



Customer Provided Information:#

Nature of the Sample : **NG Noise**
Rated Capacity : 6 MW

Laboratory Provided Information:

Date of Monitoring : 05-06-2024
Time of Monitoring : 11:20 AM
Test Started On : 05-06-2024
Test Completed On : 10-06-2024
Name of the Emission Source Monitoring : NG DG Set
Purpose of Monitoring : To Check Noise Level
Instrument used : Sound Level Meter
Test Protocol Followed : CPCB Guidelines



Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable Limit#	Test Method
Physical Analysis					
1	Background Noise	dB(A)	65.7	NA	FL/SOP/ENV-08
2	Noise at 1 meter distance from acoustic enclosure (Door Closed)	dB(A)	74.1	75 Max.	FL/SOP/ENV-08
3	Noise at 1 meter distance from acoustic enclosure (Door Open)	dB(A)	99.3	NA	FL/SOP/ENV-08
4	Insertion Loss	dB(A)	25.2	NA	FL/SOP/ENV-08

NA= Not Applicable

#As per MoEF&CC L.No.-J13012/06/2009-IA.II (T), Dated: June 3, 2011 issued to MSIL Gurgaon Plant Palam Gurgaon Road.

Note: This amended report supersedes the report issued earlier on 10-06-2024



Authorised Signatory
D Mathur, Director

NOTE: The laboratory accepts the responsibility for content of report. The results contained in this test report pertains only to the sample tested not for the whole lot. Test report shall not be reproduced except in full, without written approval of the laboratory. This report is intended only for your guidance, and not for legal purposes, commercial decision, and for advertisement. Samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified. Any complaints about this report should be communicated in writing within 7 days of issue of this report. Total liability at FARELABS Pvt. Ltd. is limited to invoiced amount only. The recipient of this report is requested to kindly confirm with FARE Labs, the authenticity and genuineness of this report at report.confirmation@farelabs.com. FARE Labs is not responsible for any unconfirmed Test Report. If you have any complaint/feedback regarding the sample collection/testing/test report, please send an email at feedback@farelabs.com and call at +91 9599221227.
#: The details are received from Customer on its own responsibility. FARE Labs Pvt. Ltd. does not Confirm about it and hence does not take any responsibility whatsoever.

*****End of Report*****

Amended Test Reports (Amended on 14-11-2024)

Issued to :

MSIL Gurgaon Plant
Old Palam Gurgaon Road
Gurgaon-122015
Haryana, India

J.O. No. : ENV20240920-013-019
ULR Code : TC5503 24 3 00014907 F
Report Date : 14/11/2024
Sample Receipt Date : 20/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **NG Noise**
Rated Capacity : 6 MW

Laboratory Provided Information:

Date of Monitoring : 20-09-2024
Time of Monitoring : 12:15 PM
Test Started On : 20-09-2024
Test Completed On : 25-09-2024
Name of the Emission Source Monitoring : NG DG Set
Purpose of Monitoring : To Check Noise Level
Instrument used : Sound Level Meter
Test Protocol Followed : CPCB Guidelines



Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable Limit#	Test Method
Physical Analysis					
1	Background Noise	dB(A)	64.2	NA	FL/SOP/ENV-08
2	Noise at 1 meter distance from acoustic enclosure (Door Closed)	dB(A)	73.8	75 Max.	FL/SOP/ENV-08
3	Noise at 1 meter distance from acoustic enclosure (Door Open)	dB(A)	99.4	NA	FL/SOP/ENV-08
4	Insertion Loss	dB(A)	25.6	NA	FL/SOP/ENV-08

NA= Not Applicable

#As per MoEF&CC L.No.-J13012/06/2009-IA.II (T), Dated: June 3, 2011 issued to MSIL Gurgaon Plant Palam Gurgaon Road.

Note: This amended report supersedes the report issued earlier on 25-09-2024



Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

Stack Emission Monitoring Reports

TEST REPORT

Issued to :

MSIL Gurgaon Plant
 Old Palam Gurgaon Road
 Gurgaon-122015
 Haryana, India

J.O. No. : ENV20240605-015-066
 ULR Code : TC5503 24 3 00008364 F
 Report Date : 10-06-2024
 Sample Receipt Date : 05-06-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample	: Stack Emissions
Rated Capacity	: 6 MW
Type of Stack /Duct	: Metal
Stack Height from Ground Level (m)	: 70
Diameter of the Stack (m)	: 1.114
Type of Fuel used & its Consumption	: Natural Gas
Operation Load During Monitoring	: 5.1 MW

Laboratory Provided Information:

Date of Sampling	: 05-06-2024
Time of sampling	: 11:20 AM
Test Started On	: 05-06-2024
Test Completed On	: 10-06-2024
Purpose of Monitoring	: To Check Pollution Load
Name of the Emission Source Monitoring	: NG DG Set
Sampling Method	: IS-11255 (P-7, P-3)& FL/SOP/ENV/D-02
Stack Identification	: Stack attached to Natural Gas DG (Wartsilla Finland)
Normal Operating Schedule	: As per requirement
Sampling Duration (min)	: 28
Number of Traverse Points	: 12
Flue Gas Temperature °C	: 138.5
Ambient Air Temperature °C	: 42
Flue Gas Velocity (m/s)	: 25.63
Volumetric Flow Rate (Nm ³ /h)	: 65093.49



Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable Limit#	Test Method
Chemical Analysis					
1	Carbon Monoxide at 15% O ₂	mg/Nm ³	91.54	NA	FL/SOP/ENV-2G
2	Non Methane Hydrocarbons (as C) at 15% O ₂	mg/Nm ³	12.79	NA	FL/SOP/GC-24
3	Oxides of Nitrogen (as NO ₂) at 15% O ₂	ppmv	46.28	50	IS:11255 (P-7)
4	Particulate matter at 15% O ₂	mg/Nm ³	52.36	NA	IS:11255 (P-1)

NA= Not Applicable

#As per MoEF&CC L.No.-J13012/06/2009-IA.II (T), Dated: June 3, 2011 issued to MSIL Gurgaon Plant Palam Gurgaon Road.


 Reviewed By

Page 1 of 1


 Authorised Signatory
 D Mathur, Director

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Gurgaon Plant
Old Palam Gurgaon Road
Gurgaon-122015
Haryana, India

J.O. No. : ENV20240920-012-018
ULR Code : TC5503 24 3 00014906 F
Report Date : 25/09/2024
Sample Receipt Date : 20/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Stack Emissions**
Rated Capacity : 6 MW
Type of Stack /Duct : Metal
Stack Height from Ground Level (m) : 70
Diameter of the Stack (m) : 1.114
Type of Fuel used & its Consumption : Natural Gas
Operation Load During Monitoring : 5 MW



Laboratory Provided Information:


Date of Sampling : 20-09-2024
Time of sampling : 12:15 PM
Test Started On : 20-09-2024
Test Completed On : 25-09-2024
Purpose of Monitoring : To Check Pollution Load
Name of the Emission Source Monitoring : NG DG Set
Sampling Method : IS-11255 (P-7, P-3)& FL/SOP/ENV/D-02
Stack Identification : Stack attached to Natural Gas DG (Wartsilla Finland)
Normal Operating Schedule : As per requirement
Sampling Duration (min) : 29
Number of Traverse Points : 12
Flue Gas Temperature °C : 132.6
Ambient Air Temperature °C : 31.2
Flue Gas Velocity (m/s) : 24.78
Volumetric Flow Rate (Nm³/h) : 63851.35

Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable Limit#	Test Method
Chemical Analysis					
1	Carbon Monoxide at 15% O ₂	mg/Nm ³	74.26	NA	FL/SOP/ENV-26
2	Non Methane Hydrocarbons (as C) at 15% O ₂	mg/Nm ³	5.37	NA	FL/SOP/02-24
3	Oxides of Nitrogen (as NO ₂) at 15% O ₂	ppmv	35.12	50	IS:11255 (P-7)
4	Particulate matter at 15% O ₂	mg/Nm ³	41.68	NA	IS:11255 (P-1)

NA= Not Applicable

#As per MoEF&CC L.No.-J13012/06/2009-IA.II (T), Dated: June 3, 2011 issued to MSIL Gurgaon Plant Palam Gurgaon Road.


Authorised Signatory
D Mathur, Director

Page 1 of 1

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#: The details are received from Customer on its own responsibility. FARE Labs Pvt. Ltd. does not Confirm about it and hence does not take any responsibility whatsoever.

*****End of Report*****

MARUTI SUZUKI INDIA LIMITED, GURGAON, HARYANA
Ambient Air Monitoring Report

Four number ambient air quality monitoring stations were selected based on the modelling done by M/s PCRI BHEL Haridwar.

MSIL have procured required equipments for measuring Ambient air quality (AAQ) and Inhouse sampling for AAQ started from third quarter in 2004-05. However, AAQ monitoring is also being carried out by NABL approved third party quarterly. The reports are given below:

TEST REPORT

Issued to :

MSIL Gurgaon Plant
Old Palam Gurgaon Road
Gurgaon-122015
Haryana, India

J.O. No. : ENV20240531-014-035
ULR Code : TC5503 24 3 00007925 F
Report Date : 05-06-2024
Sample Receipt Date : 31-05-2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : **DM Plant**

Laboratory Provided Information:

Date of Sampling : 27-05-2024
Time of Sampling : 10:54 AM
Test Started On : 31-05-2024
Test Completed On : 05-06-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.14
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 42
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	102.35	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	264.37	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	1.42	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	32.15	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	32.16	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	15.23	80	IS:5182 (P-6)
9	Non methane hydrocarbon	ppmv	ND, [DL-0.1]	NA	FL/SOP/GC-24
10	Sulphur Dioxide (SO ₂)	µg/m ³	4.12	80	IS:5182 (P-2)
Heavy Metals					
11	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
12	Nickel (NI)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
13	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(I)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for **PM₁₀** & **PM_{2.5}** values.


Reviewed By


Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Gurgaon Plant
Old Palam Gurgaon Road
Gurgaon-122015
Haryana, India

J.O. No. : ENV20240918-020-033
ULR Code : TC5503 24 3 00014776 F
Report Date : 23/09/2024
Sample Receipt Date : 18/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : DM Plant

Laboratory Provided Information:

Date of Sampling : 17-09-2024
Time of Sampling : 10:15 AM
Test Started On : 18-09-2024
Test Completed On : 23-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.18
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 32.1
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	53.46	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	89.54	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.39	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	42.89	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	24.67	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	NA	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	5.95	80	IS:5182 (P-6)
9	Non methane hydrocarbon	ppmv	ND, [DL-0.1]	NA	FL/SOP/02-24
10	Sulphur Dioxide (SO ₂)	µg/m ³	9.86	80	IS:5182 (P-2)
Heavy Metals					
11	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
12	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
13	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

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TEST REPORT

Issued to :
MSIL Gurgaon Plant
 Old Palam Gurgaon Road
 Gurgaon-122015
 Haryana, India

J.O. No. : ENV20240531-014-037
 ULR Code : TC5503 24 3 00007927 F
 Report Date : 05-06-2024
 Sample Receipt Date : 31-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
 Sampling Location : Machine Shop No. 1 & 2

Laboratory Provided Information:

Date of Sampling : 29-05-2024
 Time of Sampling : 11:14 AM
 Test Started On : 31-05-2024
 Test Completed On : 05-06-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.16
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 43.1
 Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	81.24	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	195.64	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.94	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	35.27	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	31.79	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	16.19	80	IS:5182 (P-6)
9	Non methane hydrocarbon	ppmv	ND, [DL-0.1]	NA	FL/SOP/GC-24
10	Sulphur Dioxide (SO ₂)	µg/m ³	4.31	80	IS:5182 (P-2)
Heavy Metals					
11	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
12	Nickel (NI)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
13	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(I)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for PM₁₀ & PM_{2.5} values.


 Reviewed By


 Authorised Signatory
 D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Gurgaon Plant
Old Palam Gurgaon Road
Gurgaon-122015
Haryana, India

J.O. No. : ENV20240918-020-034
ULR Code : TC5503 24 3 00014777 F
Report Date : 23/09/2024
Sample Receipt Date : 18/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : Machine Shop 1 & 2

Laboratory Provided Information:

Date of Sampling : 17-09-2024
Time of Sampling : 10:35 AM
Test Started On : 18-09-2024
Test Completed On : 23-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.16
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 31.6
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	56.29	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	93.47	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.49	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	37.45	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	21.58	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	NA	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	6.18	80	IS:5182 (P-6)
9	Non methane hydrocarbon	ppmv	ND, [DL-0.1]	NA	FL/SOP/02-24
10	Sulphur Dioxide (SO ₂)	µg/m ³	11.32	80	IS:5182 (P-2)
Heavy Metals					
11	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
12	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
13	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Gurgaon Plant
 Old Palam Gurgaon Road
 Gurgaon-122015
 Haryana, India

J.O. No. : ENV20240531-014-038
 ULR Code : TC5503 24 3 00007928 F
 Report Date : 05-06-2024
 Sample Receipt Date : 31-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
 Sampling Location : Sewage Pump House

Laboratory Provided Information:

Date of Sampling : 30-05-2024
 Time of Sampling : 11:22 AM
 Test Started On : 31-05-2024
 Test Completed On : 05-06-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.18
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 41.7
 Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	73.46	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	183.25	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.75	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	29.71	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	36.42	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	14.29	80	IS:5182 (P-6)
9	Non methane hydrocarbon	ppmv	ND, [DL-0.1]	NA	FL/SOP/GC-24
10	Sulphur Dioxide (SO ₂)	µg/m ³	3.58	80	IS:5182 (P-2)
Heavy Metals					
11	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
12	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
13	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(1)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for PM₁₀ & PM_{2.5} values.

Reviewed By

Authorised Signatory
 D Mathur, Director

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*****End of Report*****

FL/T/GEN/F05

TEST REPORT

Issued to :

MSIL Gurgaon Plant
Old Palam Gurgaon Road
Gurgaon-122015
Haryana, India

J.O. No. : ENV20240918-020-032
ULR Code : TC5503 24 3 00014775 F
Report Date : 23/09/2024
Sample Receipt Date : 18/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : Sewage Pump House

Laboratory Provided Information:

Date of Sampling : 16-09-2024
Time of Sampling : 10:53 AM
Test Started On : 18-09-2024
Test Completed On : 23-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.18
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 31.4
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	48.75	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	81.72	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.42	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	52.14	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	15.63	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	NA	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	5.37	80	IS:5182 (P-6)
9	Non methane hydrocarbon	ppmv	ND, [DL-0.1]	NA	FL/SOP/02-24
10	Sulphur Dioxide (SO ₂)	µg/m ³	12.58	80	IS:5182 (P-2)
Heavy Metals					
11	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
12	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
13	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :
MSIL Gurgaon Plant
 Old Palam Gurgaon Road
 Gurgaon-122015
 Haryana, India

J.O. No. : ENV20240531-014-036
 ULR Code : TC5503 24 3 00007926 F
 Report Date : 05-06-2024
 Sample Receipt Date : 31-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
 Sampling Location : Sewage Treatment Plant

Laboratory Provided Information:

Date of Sampling : 28-05-2024
 Time of Sampling : 11:07 AM
 Test Started On : 31-05-2024
 Test Completed On : 05-06-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.16
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 41.3
 Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	85.49	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	231.78	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	1.27	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	38.96	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	39.52	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	17.38	80	IS:5182 (P-6)
9	Non methane hydrocarbon	ppmv	ND, [DL-0.1]	NA	FL/SOP/GC-24
10	Sulphur Dioxide (SO ₂)	µg/m ³	5.69	80	IS:5182 (P-2)
Heavy Metals					
11	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
12	Nickel (NI)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
13	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for **PM₁₀** & **PM_{2.5}** values.


 Reviewed By


 Authorised Signatory
 D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Gurgaon Plant
Old Palam Gurgaon Road
Gurgaon-122015
Haryana, India

J.O. No. : ENV20240918-020-031
ULR Code : TC5503 24 3 00014774 F
Report Date : 23/09/2024
Sample Receipt Date : 18/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : Sewage Treatment Plant

Laboratory Provided Information:

Date of Sampling : 16-09-2024
Time of Sampling : 10:30 AM
Test Started On : 18-09-2024
Test Completed On : 23-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.2
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 32
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	42.17	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	75.43	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.38	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	48.76	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	19.72	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	NA	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	6.24	80	IS:5182 (P-6)
9	Non methane hydrocarbon	ppmv	ND, [DL-0.1]	NA	FL/SOP/02-24
10	Sulphur Dioxide (SO ₂)	µg/m ³	8.73	80	IS:5182 (P-2)
Heavy Metals					
11	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
12	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
13	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

NOTE: The laboratory accepts the responsibility for content of report. The results contained in this test report pertains only to the sample tested not for the whole lot. Test report shall not be reproduced except in full, without written approval of the laboratory. This report is intended only for your guidance, and not for legal purposes, commercial decision, and for advertisement. Samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified. Any complaints about this report should be communicated in writing within 7 days of issue of this report. Total liability at FARELABS Pvt. Ltd. is limited to invoiced amount only. The recipient of this report is requested to kindly confirm with FARE Labs, the authenticity and genuineness of this report at report.confirmation@farelabs.com. FARE Labs is not responsible for any unconfirmed Test Report. If you have any complaint/feedback regarding the sample collection/testing/test report, please send an email at feedback@farelabs.com and call at +91 9599221227.
#: The details are received from Customer on its own responsibility. FARE Labs Pvt. Ltd. does not Confirm about it and hence does not take any responsibility whatsoever.

*****End of Report*****

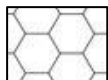
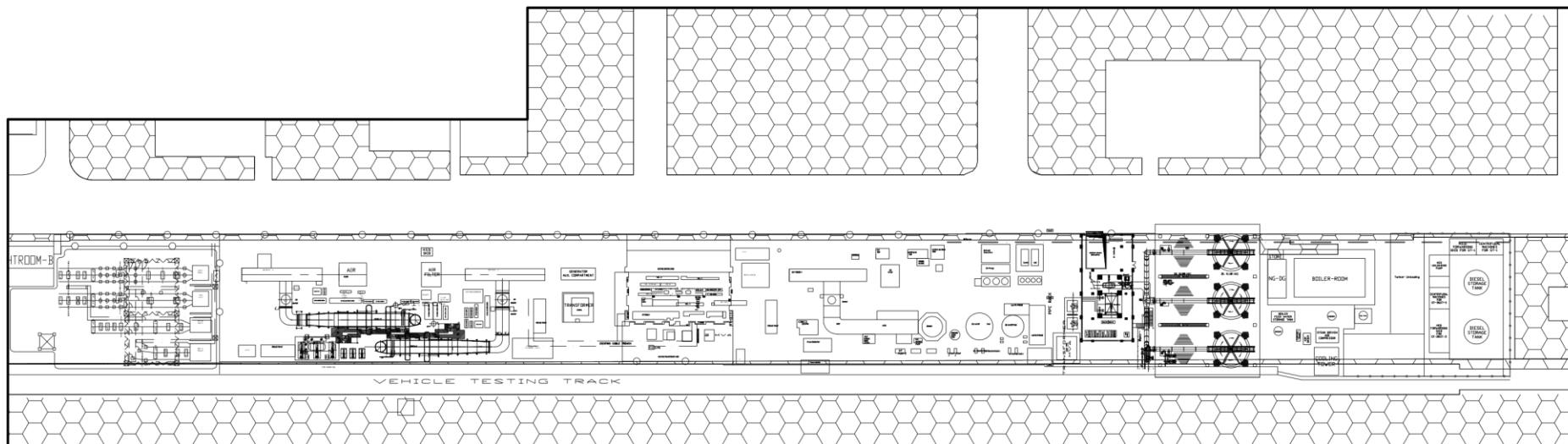
CSR initiatives around MSIL Gurugram plant in FY 23-24

Introduction:

The company's social responsibility commitment extends into three strategic thematic areas including Community Development, Skill Development and Road Safety. Within these broad thematic areas, the company has undertaken a few specific initiatives as listed below around its' Gurugram plant based on the issues that are important to our business, to the communities where we operate and to the wider society.

S. No.	Initiative	Details	Amount spent (in INR)
1	Training to Traffic violators and learner license aspirants through Road Safety Knowledge Centers (RSKC)	<ul style="list-style-type: none"> RSKCs play a very vital role in imparting necessary and prerequisite knowledge about driving to the Learner License aspirants and Road rules & Road Safety knowledge to traffic violators. 	Approx 0.2 Cr
2	Apprenticeship program at MSIL Gurugram plant	<ul style="list-style-type: none"> The apprenticeship program for Industrial Training Institute (ITI) students and aspiring youth from various ITIs were trained at the Company's plant. They have been given a monthly stipend and the opportunity to engage with the company experts and improve their employability skills by working on the shop floor. 	Approx. 49 Cr
3	Village Development Activities	<ul style="list-style-type: none"> Village cleanliness activities. Waste collection vans for Manesar Paver Block laying work at Gaushala in Kasan village, Manesar. Renovation of PHC at Dundahera. Construction of a shed (361 Sq M) at Shaheed Park along with Paver (426 Sq M) at Dhana Village, Manesar. Laying of Paver block (1927 Sq M) & construction of cremation shed (27 Sq M) at Bas Hariya Village, Manesar. 	Approx. 3 Cr

MARUTI SUZUKI INDIA LIMITED, GURGAON, HARYANA
Green Area Layout for power plant area




Green Area

MARUTI SUZUKI INDIA LIMITED, GURGAON, HARYANA
Advertisement in News papers

Advertisement 1:

TIMES OF INDIA

PUBLIC NOTICE

 **MARUTI SUZUKI**

Maruti Suzuki India Limited,
 Regd. Office: 1, Nelson Mandela Road,
 Vasant Kunj, New Delhi-110070.


Ministry of Environment and Forests has accorded environment clearance for the proposed expansion of thermal (captive) power plant at Maruti Suzuki India Limited, Gurgaon Plant. The copies of the clearance letters are available with the Haryana State Pollution Control board and the same can also be seen on the website of Ministry of Environment & Forest at <http://envfor.nic.in>.

Date: 10th June, 2011. Maruti Suzuki India Limited

Advertisement 2:

AMAR UJALA

सूचना

 **MARUTI SUZUKI**

Maruti Suzuki India Limited,
 Regd. Office: 1, Nelson Mandela Road,
 Vasant Kunj, New Delhi-110070.

पर्यावरण एवं वन मंत्रालय द्वारा मारुति सुजुकी इंडिया लिमिटेड के गुडगांव प्लांट में पावर प्लांट के विस्तार हेतु पर्यावरणीय अनुमोदन प्रदान कर दिया गया है। अनुमोदन पत्र की प्रतियां हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड के पास उपलब्ध है। अनुमोदन पत्र को पर्यावरण एवं वन मंत्रालय की वेबसाइट <http://envfor.nic.in> पर भी देखा जा सकता है।

दिनांक: 10 जून, 2011 मारुति सुजुकी इंडिया लिमिटेड

STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY HARYANA
Bay No. 55-58, Prayatan Bhawan, Sector-2, PANCHKULA.

No. SEIAA/HR/2012 *237A*

Dated: *30-8-12*.....

To

M/S Maruti Suzuki India Limited,
 Regd. Office: Plot No. 1, Nelson Mandela Road,
 Vasant Kunj, New Delhi- 110070

**Subject: Environmental Clearance for 57 MW Captive Power Plant
 (expansion) at Maruti Suzuki India Limited, Manesar, Gurgaon.**

Dear Sir,

This has reference to your application no. PRDS-EGM-10-11 dated 8.10.2010 addressed to MS, SEIAA and received on 12.10.2010 and subsequent letter dated 3.03.2011 seeking prior environmental clearance for the above project under the EIA Notification, 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification, 2006 on the basis of the mandatory documents enclosed with the application viz., Form-1 pre-feasibility project report, proposed TOR and the additional clarifications furnished in response to the observations of the State Expert Appraisal Committee (SEAC) constituted by MOEF, GOI vide their Notification 21.4.2008/23.3.2012 in its meetings held on 10.12.2010 & 28.06.2012.

[2] It is inter-alia noted that the project is for setting up of 57 MW natural Gas based power project under expansion at Maruti Suzuki India Limited, Manesar, Gurgaon. The existing capacity of captive power plant is 86.2 MW which is based on natural gas and the MOEF, GOI vide letter dated 05-02-2008 has accorded environmental clearance to the project. The power plant is proposed to convert to combined cycle power plant with the addition of 37 MW steam

turbine and it is also proposed to add a gas turbine of 20 MW and after expansion the total capacity of the power plant will be 143.2 MW. It has also been proposed to use HSD as standby fuel. The project proponent intimated that the GAIL has given assurance for supply of 7500 cubic of natural gas through pipeline for the proposed project. The GT stack height will be 30 mtrs. It was noticed that project is covered under item no.1 (d) of EIA notification dated 14.9.06 and SEAC has appraised this project as category B-I project. The TOR's were approved on 10.12.10. The public hearing in this case is not required as the project is located in an Industrial Area. The project proponent on the basis on approved TOR's submitted EIA/EMP on 28-02-2011.

[3] The State Expert Appraisal Committee, Haryana after due consideration of the relevant documents submitted by the project proponent and additional clarification furnished in response to its observations have recommended the grant of environmental clearance for the project mentioned above subject to compliance with the stipulated conditions. Accordingly, the State Environment Impact Assessment Authority in its meeting held on 29.8.2012 decided to agree with the recommendation of SEAC ~~and~~ to accord necessary environmental clearance for the project under Category 1(d) of EIA Notification 2006 subject to the strict compliance with the specific and general conditions mentioned below:-

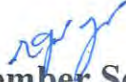
- i) No additional land shall be acquired.
- ii) NOC from BARC shall be obtained prior to start of construction of the project due to the proximity of the project to BARC Observatory.
- iii) Gas shall only be used as fuel, however, HSD may be used as standby fuel for not more than 30 days in a year when gas is not available.

- iv) Dry Low NO_x burners shall be provided and it shall be ensured that NO_x emissions from the stack is less than 100 ppm.
- v) The height of the stack shall be as per the standards prescribed under the Environment (Protection) Act in this regard or 30 m, which ever is more with continuous online monitoring system. Exit velocity shall not be less than 29 m/s.
- vi) Air cooled condensers shall be installed.
- vii) Water should be conserved, treated, reused and recycled in order to minimize water consumption. The necessary prior permission for withdrawal of requisite quantity of groundwater for the project as applicable shall be obtained from the Competent Authority before the start of expansion.
- viii) Treated effluents conforming to the prescribed standards shall be re-circulated and reused within the plant area. No effluents shall be discharged outside the plant boundary.
- ix) Rainwater harvesting shall be practiced. A detailed scheme for rain water harvesting to recharge the ground water aquifer shall be prepared in consultation with Central Ground Water Authority and a copy of the same shall be submitted within three months to the SEIAA. Care shall be taken to avoid contamination of ground water through RWH pit.
- x) Leq of Noise level shall be limited to 75 dBA and regular maintenance of equipments shall be undertaken. For people working in high noise areas, personal protection devices shall be provided.
- xi) A greenbelt shall be developed around the plant boundary with tree density of around 2500 trees per ha. The area under greenbelt shall be atleast 1/3rd of the total area.
- xii) First aid and sanitation arrangements shall be made for the drivers and other regular or contract workers during construction phase.

- xiii) Regular monitoring of the ambient air quality shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with the Haryana State Pollution Control Board. Periodic reports shall be submitted to the Regional Office of the Ministry at Chandigarh.
- xiv) The project proponent shall advertise in atleast two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board and on project proponent's website.
- xv) A separate environment management cell with qualified staff shall be set up for the implementation of the stipulated environmental safeguards.
- xvi) Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to the SEIAA/ Regional Office, MOEF, Chandigarh and HSPCB.
- xvii) Regional Office of the Ministry of Environment & Forests located at Chandigarh will monitor the implementation of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report and Environment Management Plan alongwith the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
- xviii) Separate funds shall be allocated for implementation of environmental protection measures alongwith item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposed and year-wise expenditure shall be reported to the SEIAA, Panchkula and Regional Office, MoEF, Chandigarh.
- xix) Full cooperation shall be extended to the Scientists/Officers from the Regional Office of the Ministry at Chandigarh/HSPCB who would be monitoring the compliance of environmental status.

- xx) The project proponent shall take adequate preparation for fire and other kind of disaster including chemical disaster. On-site and Off-site emergency plan should be rehearsed through regular mock drills.
 - xxi) The project Proponent shall initiate a long term study through a reputed institution to assess the cumulative impact of the power plants on the AAQ of the area. The study shall in particular assess the impact of emission of the gas power plant on the chemistry of upper atmosphere and the impact on radiation budget. It shall be ensured that the study takes into account the worst seasonal atmospheric conditions.
 - xxii) The Project Proponent shall ensure that all possible hazards due to the power plant are contained within the plant premises.
 - xxiii) An Environmental Cell shall be created at the project site itself and shall be headed by qualified officer, who is well versed with the environmental aspects of gas based power plant. It shall be ensured that the Head of the Cell shall directly report to the Head of the Organization.
 - xxiv) The project Proponent shall also submit the detailed data of last one year during which the HSD was used as standby fuel in the existing captive power plant.
 - xxv) These conditions of expansion project are in addition to conditions imposed by MoEF in original project.
 - xxvi) Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of environment protection rule 1986 shall be complied with.
 - xxvii) Harnessing solar power within the premises of the plants particularly ~~and~~ at available roof tops shall be made and the status of implementation shall be submitted every six months to the SEIAA/MoEF, GoI.
4. The SEIAA reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the SEIAA.
 5. The environmental clearance accorded shall be valid for a period of 5 years to start of production operation by the power plant.
 6. In case of any deviation or alteration in the project proposed from that submitted to the SEIAA for clearance, a fresh reference shall be made to the SEIAA to assess the adequacy of the condition (s) imposed and to incorporate additional environmental protection measures required, if any.

7. The above stipulations shall be enforced alongwith others as under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Waste (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.
8. The project proponent shall put in place Corporate Environment Policy as mentioned in MoEF, GoI OM No. J-11013/41/2006-IA II (I) dated 26.4.2012



**Member Secretary,
State Level Environment Impact
Assessment Authority, Haryana, Panchkula.**

Endst. No. SEIAA/HR/2011


Dated:.....

A copy of the above is forwarded to the following:

1. The Additional Director (IA Division), MOEF, GOI, CGO Complex, Lodi Road, New Delhi.
2. The Regional office, Ministry of Environment & Forests, Govt. of India, Sector 31, Chandigarh.
3. The Chairman, Haryana State Pollution Control Board, Pkl.


**Member Secretary,
State Level Environment Impact
Assessment Authority, Haryana, Panchkula.**

MSIL:CUIP:ESEC:ENV:2024-25: 144

27-Nov-2024

To
Ministry of Environment, Forest, and Climate Change
Integrated Regional Office
Bays No 24-25, Sector – 31 A,
Dakshin Marg
Chandigarh - 160030

Sub: Half yearly report for the Compliance of conditions given in the Environmental Clearance for 57 MW Captive Power Plant-Gas turbine, Manesar.

Ref: Environment Clearance Letter from MoEF- No. SEIAA/HR/2012/237A, dated 30.08.2012.

Dear Sir,

Enclosed please find herewith the half yearly compliance report for the period of April 24 to September 24 related to Environmental Clearance issued for our Gas turbine (57 MW), Manesar.

Thanking You.

Yours Faithfully


Paresh Mani Sharma
DGM (Environment)
Maruti Suzuki India Limited

Paresh Mani Sharma
Deputy General Manager (Environment)
Maruti Suzuki India Limited, Gurgaon

CC: 1. Haryana State Pollution Control Board, Panchkula
2. State Environment Impact Assessment Authority, Haryana

MARUTI SUZUKI INDIA LIMITED

Head Office:

Maruti Suzuki India Limited,
1, Nelson Mandela Road, Vasant Kunj,
New Delhi - 110070, India.

Tel: 011- 46781000, Fax: 011-46150275/46150276

E-mail id: contact@maruti.co.in, www.marutisuzuki.com

Gurgaon Plant:

Maruti Suzuki India Limited,
Old Palam Gurgaon Road,
Gurgaon - 122015, Haryana, India.

Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant:

Maruti Suzuki India Limited,
Plot no.1, Phase - 3A, IMT Manesar,
Gurgaon - 122051, Haryana, India.

Tel: 0124-4884000, Fax: 0124-4884199

“Six Monthly Compliance Report”

April 24 to September 24

For the conditions stipulated in
Environmental Clearance of 57 MW
Captive Power Plant, Manesar



Submitted by-

M/s Maruti Suzuki India Limited,
Gurugram Plant, Palam Gurugram Road
Gurugram-122015, Haryana

MARUTI SUZUKI INDIA LIMITED, GURGAON, HARYANA

Ref: Environment Clearance letter from MoEF no. SEIAA/HR/2012/237A dt. 30.8.2012

Sr. No.	Stipulated Conditions in Environment Clearance	Compliance Status
1	No additional land shall be acquired.	The project will be located within Maruti Suzuki India Limited premises at IMT Manesar, and the power plant will be set within 9440 sq. mtrs. area.
2	NOC from BARC shall be obtained prior to start of construction of the project due to the proximity of the project to BARC observatory.	NOC obtained from BARC is placed at Annexure-1.
3	Gas shall only be used as fuel, however, HSD may be used as standby fuel for not more than 30 days in a year when gas is not available.	Natural gas supply has commenced at Manesar plant.
4	Dry Low NO _x burners shall be provided, and it shall be ensured that NO _x emission from the stack is less than 100 ppm.	NO _x emissions are less than 100 ppm. The stack monitoring report are placed at Annexure-2.
5	The height of the stack shall be as per the standards prescribed under the Environment (Protection) Act in this regard or 30 m, whichever is more with continuous online monitoring system. Exit velocity shall not be less than 29 m/s.	All the stacks of the installed Gas Turbines are of 30 mtrs. height and Continuous online monitoring system installed.
6	Air cooled condensers shall be installed.	Air cooled condenser installed for the Gas Turbines
7	Water should be conserved, treated, reused and recycled in order to minimize water consumption. The necessary prior permission for withdrawal of requisite quantity of groundwater for the project as applicable shall be obtained from the Competent Authority before the start of expansion.	As air cooled condenser is installed for the Gas Turbines, the daily water requirement is very negligible. Current water withdrawal is maintained within the quantity permitted by the Competent Authority from canal water.
8	Treated effluents conforming to the prescribed standards shall be recirculated and reused within the plant area, No effluents shall be discharged outside the plant boundary.	The treated effluents conform to the prescribed standards and are reused for the process requirements after recycling. Report is placed at Annexure-3.

9	Rainwater harvesting shall be practiced. A detailed scheme for rain water harvesting to recharge the ground water aquifer shall be prepared in consultation with central Ground water Authority and a copy of the same shall be submitted within three months to the SEIAA. Care shall be taken to avoid contamination of ground water through RWH pit.	Rain water harvesting lagoons have been constructed to take care of surface runoff and recharge the aquifers. The location of the lagoon is attached in Annexure-4 .
10	Leq of Noise level shall be limited to 75 dBA and regular maintenance of equipments should be undertaken. For people working in high noise areas, personal protection devices shall be provided.	Gas Turbines are provided with the acoustic enclosure to limit the noise level within 75 dBA at plant boundary. The persons working in high noise areas are provided with the personal protection devices.
11	A greenbelt shall be developed around the plant boundary with tree density of around 2500 trees per ha. The area under greenbelt shall be at least 1/3 rd of the total area.	Details of Green Belt are placed at Annexure-4 .
12	First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	First aid and necessary sanitation arrangement were provided for the drivers and other contract workers during construction phase.
13	Regular monitoring of the ambient quality shall be carried out in and around the power plant and records maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with the state pollution Control Board. Periodic reports shall be submitted to the Regional Office of this Ministry at Chandigarh.	Ambient Air quality is being monitored quarterly at the locations fixed based on the modelling results from MoEFCC authorized laboratory and the reports are placed at Annexure-5 .
14	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State	Notice was published in Amar Ujala (Hindi) and Times of India (English). Copy of the same is attached as Annexure-6 .

	Pollution Control Board and on project proponent's website.	
15	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	A separate Environment Management Department has been set up.
16	Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to the SEIAA/Regional Office, MOEF, Chandigarh and HSPCB.	We are submitting the half yearly compliance reports to concerned offices on or before June and Dec of every year.
17	Regional office of the Ministry of Environment & forests located at Chandigarh will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.	Complied
18	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure shall be reported to the SEIAA, Panchkula and Regional Office, MoEF, Chandigarh.	Funds for EMP have been included in the project cost itself. It shall be utilised for this purpose only.
19	Full cooperation shall be extended to the Scientist/Officers from the Ministry/Regional Office of the Ministry at Chandigarh/the CPCB/THE SPCB who would be Monitoring the Compliance of Environmental status.	Full Cooperation will be extended to the officials from SPCB / CPCB and MoEFCC.
20	The project proponent shall take adequate preparation for fire and other kind of disaster including chemical disaster. On-site and Off-	Complied.

	site emergency plan should be rehearsed through regular mock drills.	
21	The project proponent shall initiate a long-term study through a reputed institution to assess the cumulative impact of the power plants on the AAQ of the area. The study shall in particular assess the impact of emission of the gas power plant on the chemistry of upper atmosphere and the impact on radiation budget. It shall be ensured that the study takes into account the worst seasonal atmospheric conditions.	The study report is placed at Annexure-7 .
22	The project proponent shall ensure that all possible hazards due to the power plant are contained within the plant premises.	Completed.
23	An Environment Cell shall be created at the project site itself and shall be headed by qualified officer, who is well versed with the environmental aspects of gas-based power plant. It shall be ensured that the Head of the Cell shall directly report to the Head of the Organization.	A separate Environment Management Department has been set up.
24	The project proponent shall also submit the detailed data of last one year during which the HSD was used as standby fuel in the existing captive power plant.	0.535 KL HSD was used in captive power plants for FY 2024-25 (till Sept.24).
25	These conditions of expansion project are in addition to conditions imposed by MoEF in original project.	Noted.
26	Standards for discharge of environmental pollutants as enshrined in various schedules of rule 3 of environment protection rule 1986 shall be complied with.	Complied
27	Harnessing solar power within the premises of the plants particularly at available roof tops shall be made and the status of implementation shall be submitted every six months to the SEIAA/MoEF, GoI.	Completed

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
NORHTERN REGIONAL OFFICE
CHANDIGARH

DATA SHEET

1.	Project Type: River Valley/ Mining / Industry/Refinery/Transportation/Tourisms/ Thermal /Nuclear/Other (Specify)	Thermal
2.	Name of the Project:	57 MW Captive Power Plant (expansion) at Maruti Suzuki India Limited, Manesar, Gurugram, Haryana
3.	Clearance letter (s)/O.M No. & dates:	No. SEIAA/HR/2012/237A dated 30-8-2012
4.	Location: a) District (s) b) State (s) c) Latitudes/longitudes	District: Gurugram State: Haryana Latitude: 28° 22' 08" N Longitude: 76° 52' 45" E
5.	Address for correspondence: a) Address for Correspondence b) Address of executive Project In-charge	Paresh Mani Sharma Deputy General Manager, Environment Management Maruti Suzuki India Limited Gurugram, Haryana Email: PareshMani.Sharma@maruti.co.in Phone 0124 – 2346721 ~ 30 Extn: 3583 Mr. Bineet Arora Assistant Vice President – EMU Maruti Suzuki India Limited Palam Gurugram Road Gurugram, Haryana Email: Bineet.Arora@maruti.co.in Phone 0124 – 2346721 ~ 30
6.	Salient features: a) Of the project b) Of the environmental management plans	Salient features of the project and Environment Management plan details is enclosed in Annexure A.
7.	Breakup of the project area: a) Submergence area: Forest & Non-forest. b) Others	Not Applicable The project will be located within MSIL premises in the industrial area
8.	Break up of project affected population with enumeration of those losing houses /dwelling units and agricultural land only both dwelling units and agricultural land and landless labourers/artisans. a) SC/ST/Adivasis b) Others (Please Indicate whether these figures are based on any scientific and systematic survey carried out only provisional figures. If a survey has been carried out , give details and year of survey)	Not Applicable

9.	<p>Financial details:</p> <p>a) Project cost as originally planned and subsequent revised estimates and the year of price reference.</p> <p>b) Allocations made for environmental management plans with item wise and year wise breakup.</p> <p>c) Benefit cost ratio /internal Rate of Return and the year of assessment.</p> <p>d) Whether (c) includes the cost of environmental management as shown in b) above.</p> <p>e) Actual expenditure incurred on the project so far.</p> <p>f) Actual expenditure incurred on the environment management plans so far.</p>	<p>Project Cost: Rs. 314 Crores</p> <p>Rs. 3.7 Crores</p> <p>-</p> <p>-</p> <p>Rs. 324 Crores (approx.)</p> <p>Rs. 4.2 Crores</p>
10.	<p>Forest land requirement:</p> <p>a) The status of approval for diversion of forest land for non- forestry use.</p> <p>b) The status of clear felling.</p> <p>c) The status of compensatory afforestation if any.</p> <p>d) Comments on the viability & sustainability of compensatory afforestation program in the light of actual field experience so far.</p>	<p>Not Applicable</p>
11.	<p>The Status of clear felling in the non-forest areas (Such as submergence area of non-reservoir, approach road) if any, with quantitative information.</p>	<p>Not Applicable</p>
12.	<p>Status of Construction:</p> <p>a) Date of Commencement (actual and /or planned)</p> <p>b) Date of completion (actual and /or planned)</p>	<p>20 MW is in operation. 37 MW (Steam Turbine) is being decommissioned.</p>
13.	<p>Reasons for the delay if the project is yet to start:</p>	<p>Not applicable</p>

SALIENT FEATURES OF PROJECT:

1. Name of the Project : Gas turbine at Maruti Suzuki India Limited, Manesar, Haryana
2. Capacity : 57 MW
3. Location : Maruti Suzuki India Limited, IMT Manesar.
4. Total project cost : Rs. 314 Crores
5. Land Area : 9440 sq m

ENVIRONMENTAL MANAGEMENT PLAN

Water Pollution control:

- The Gas Turbine is air cooled hence the waste water generated shall be very minimum. Existing ETP will treat the effluent arising out of the plant operation and the treated waste water will be reused.

Air Pollution control:

- Stacks of the GT shall be maintained at 30m.
- NO_x emissions will be below 100ppm.
- SPM and SO₂ emissions will be very low as natural gas (clean fuel) is being used for the operation. HSD (ultra-low Sulphur diesel) shall only be used initially or in case of emergency operation.

Noise Pollution Control:

- The noise from Gas Turbines is controlled by acoustic enclosures. The noise level at the periphery of factory/premises will not exceed the ambient noise level of 75 dBA.

Ground Water:

- Rain water harvesting lagoons have been constructed to take care of surface run off and recharge the aquifers.

Green belt development:

- Adequate green area will be developed with local area species having capacities to reduce SPM and noise levels.

NOC from BARC (Bhabha Atomic Research Centre)

228

दूरभाष/Tel.: 022 - 2550 5354
 फैक्स/Fax: 022 - 2550 5161
 022 - 2550 5353
 ई-मेल/e-mail: ndsharma@barc.gov.in



सत्यमेव जयते

भारत सरकार
 GOVERNMENT OF INDIA
 भाभा परमाणु अनुसंधान केंद्र
 BHABHA ATOMIC RESEARCH CENTRE

सेंट्रल कॉम्प्लेक्स,
 ट्रॉम्बे, मुंबई - 400 085,
 Central Complex,
 Trombay,
 Mumbai - 400 085.

न. द. शर्मा
 नियंत्रक
 N. D. Sharma
 Contoller

Ref: 14/8/91/Admn-I / 3281

April 16, 2008

Maruti Suzuki India Limited,
 Palam Gurgaon Road,
 Gurgaon, Haryana - 122 015

Kind Attn: Mr Vinay Varshney, Chief General Manager (Production Services)

Sub: NOC for Expansion of Power Plant at MSIL, IMT Manesar

Sir,

With reference to your letter MSIL:PRDS:EM2:1728 dated 18th February, 2008, we confirm that BARC has no objection in expansion of your power plant at IMT Manesar.

Thanking You,

Yours faithfully,

(N. D. Sharma)
 Contoller

16/04/08

संचार अनुभाग / Communication Section
 फैक्स परिवहन / Fax Transmission
 संदेश सं. / Message No. 6072
 दिनांक 29/5/08
 Transmitted on..... at..... hrs.
 यंत्र भेज दिया गया।

Stack Emission Monitoring Reports

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240515-015-051
ULR Code : TC5503 24 3 00006975 F
Report Date : 20-05-2024
Sample Receipt Date : 15-05-2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample	: Stack Emissions
Rated Capacity	: 20 MW
Type of Stack /Duct	: Mild Steel
Stack Height from Ground Level (m)	: 30
Internal Diameter of the Stack (m)	: 3
Type of Fuel used & its Consumption	: Natural Gas
Operation Load During Monitoring	: 16.6 MW



Laboratory Provided Information:


Date of Sampling	: 15-05-2024
Time of sampling	: 03:30 PM
Test Started On	: 15-05-2024
Test Completed On	: 20-05-2024
Purpose of Monitoring	: To Check Pollution Load
Name of the Emission Source Monitoring	: Gas Turbine- 9
Sampling Method	: IS-11255 (P-7, P-3)& FL/SOP/ENV/D-02
Stack Identification	: Stack attached to Gas Turbine- 9
Normal Operating Schedule	: As per requirement
Sampling Duration (min)	: 26
Number of Traverse Points	: 32
Flue Gas Temperature °C	: 183.9
Ambient Air Temperature °C	: 39.7
Flue Gas Velocity (m/s)	: 30.40
Volumetric Flow Rate (Nm ³ /h)	: 504347.45


Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable Limit#	Test Method
Chemical Analysis					
1	Carbon Dioxide	% by Vol.	12.38	NA	IS:11255 (P-1)
2	Carbon Monoxide at 15% O ₂	mg/Nm ³	58.42	NA	FL/SOP/ENV-26
3	Oxides of Nitrogen (as NO ₂) at 15% O ₂	ppmv	57.43	100	IS:11255 (P-7)
4	Particulate matter at 15% O ₂	mg/Nm ³	46.28	NA	IS:11255 (P-1)
5	Sulphur Dioxide	mg/Nm ³	8.13	NA	IS:11255 (P-2)
6	Total Hydrocarbons	mg/Nm ³	4.29	NA	FL/SOP/GC-24

NA= Not Applicable

#As per MoEF&CC and SEIAA L.No. SEIAA/HR/2012/237-A, Dated: August 30, 2012 issued to MSIL Manesar, Gurgaon.


Reviewed By


Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240515-016-057
 ULR Code : TC5503 24 3 00006981 F
 Report Date : 20-05-2024
 Sample Receipt Date : 15-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:

Nature of the Sample : **GT Noise**
 Rated Capacity : 20 MW

Laboratory Provided Information:

Date of Monitoring : 15-05-2024
 Time of Monitoring : 03:30 PM
 Name of the Emission Source Monitoring : Gas Turbine- 9
 Purpose of Monitoring : To Check Noise Level
 Instrument used : Sound Level Meter
 Test Protocol Followed : CPCB Guidelines



Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable limit#	Test Method
Physical Analysis					
1	Background Noise	dB(A)	65.8	NA	FL/SOP/ENV-08
2	Noise Level at 0.5 metre from the enclosure surface (Acoustic enclosure door closed)	dB(A)	72.8	NA	FL/SOP/ENV-08
3	Noise level at 0.5 metre from the enclosure surface (Acoustic enclosure door open)	dB(A)	98.4	NA	FL/SOP/ENV-08
4	Insertion Loss	dB(A)	25.6	NA	FL/SOP/ENV-08

NA= Not Applicable

#As per MoEF&CC and SEIAA L.No. SEIAA/HR/2012/237-A, Dated: August 30, 2012 issued to MSIL Manesar, Gurgaon.


 Reviewed By


 Authorised Signatory
 D Mathur, Director

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240903-021-079
ULR Code : TC5503 24 3 00014025 F
Report Date : 09/09/2024
Sample Receipt Date : 03/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Stack Emissions**
Rated Capacity : 20 MW
Type of Stack /Duct : Mild Steel
Stack Height from Ground Level (m) : 30
Internal Diameter of the Stack (m) : 3
Type of Fuel used & its Consumption : Natural Gas
Operation Load During Monitoring : 16.3 MW



Laboratory Provided Information:

Date of Sampling : 03-09-2024
Time of sampling : 12:55 PM
Test Started On : 03-09-2024
Test Completed On : 09-09-2024
Purpose of Monitoring : To Check Pollution Load
Name of the Emission Source Monitoring : Gas Turbine- 9
Sampling Method : IS-11255 (P-7, P-3)& FL/SOP/ENV/D-02
Stack Identification : Stack attached to Gas Turbine- 9
Normal Operating Schedule : As per requirement
Sampling Duration (min) : 27
Number of Traverse Points : 32
Flue Gas Temperature °C : 186.7
Ambient Air Temperature °C : 30.1
Flue Gas Velocity (m/s) : 30.60
Volumetric Flow Rate (Nm³/h) : 504471.31

Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable Limit#	Test Method
Chemical Analysis					
1	Carbon Dioxide	% by Vol.	11.83	NA	IS:13270
2	Carbon Monoxide at 15% O ₂	mg/Nm ³	46.29	NA	FL/SOP/ENV-26
3	Oxides of Nitrogen (as NO ₂) at 15% O ₂	ppmv	49.25	100	IS:11255 (P-7)
4	Particulate matter at 15% O ₂	mg/Nm ³	47.36	NA	IS:11255(P-1)
5	Sulphur Dioxide	mg/Nm ³	6.23	NA	IS:11255 (P-2)
6	Total Hydrocarbons	mg/Nm ³	3.72	NA	FL/SOP/02-24

NA= Not Applicable

#As per MoEF&CC L.No. J-13012/71/2007-IA.II(T) Dated: February 05, 2008 issued to MSIL Manesar, Gurgaon.



Authorised Signatory
D Mathur, Director

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*****End of Report*****

TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240903-022-085
ULR Code : TC5503 24 3 00014031 F
Report Date : 09/09/2024
Sample Receipt Date : 03/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **GT Noise**
Rated Capacity : 20 MW

Laboratory Provided Information:

Date of Monitoring : 03-09-2024
Time of Monitoring : 12:55 PM
Name of the Emission Source Monitoring : Gas Turbine- 9
Purpose of Monitoring : To Check Noise Level
Instrument used : Sound Level Meter
Test Protocol Followed : CPCB Guidelines




Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable limit#	Test Method
Physical Analysis					
1	Background Noise	dB(A)	64.8	NA	FL/SOP/ENV-08
2	Noise Level at 0.5 metre from the enclosure surface (Acoustic enclosure door closed)	dB(A)	73.4	NA	FL/SOP/ENV-08
3	Noise level at 0.5 metre from the enclosure surface (Acoustic enclosure door open)	dB(A)	25.5	NA	FL/SOP/ENV-08
4	Insertion Loss	dB(A)	98.9	NA	FL/SOP/ENV-08

NA= Not Applicable

#As per MoEF&CC L.No. J-13012/71/2007-IA.II(T), Dated: February 05, 2008 issued to MSIL Manesar, Gurgaon.


Authorised Signatory
D Mathur, Director

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*****End of Report*****

Effluent Treatment Plant Monitoring Reports

TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : W20240516-040-071
 ULR Code : TC5503 24 2 00017734 F
 Report Date : 21-05-2024
 Sample Receipt Date : 16-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature/Name of the Sample : **ETP Outlet Water**
 Location : ETP Plant

Laboratory Provided Information:

Sample Quantity & Packaging : 5Litre x 1, Pet Can
 Test started on : 16-05-2024
 Test Completed : 21-05-2024
 Method of Sampling : FL/SOP/B/D-1
 Date of Sampling : 16-05-2024
 Sample Collected by : Mr. Utkarsh (FARE LABS Representative)



Analysis Report

Physical Description : Clear water

S. No.	Parameters	Unit	Test Results	Standard Limits*	Test Method
Chemical Analysis					
1	Ammonical Nitrogen (as N)	mg/L	0.18	50	APHA 23 rd Ed.
2	Biochemical Oxygen Demand, @ 27°C For 3days	mg/L	7	30	IS: 3025 (P-44)
3	Chemical Oxygen Demand	mg/L	40	250	IS-3025 (P-58)
4	Colour	Hazen	20	#	IS:3025 (P-4)
5	Cyanide (as CN)	mg/L	BLQ, (LOO-0.03)	0.2	APHA 23 rd Ed.
6	Dissolved Phosphate (as P)	mg/L	1.48	5	APHA 23 rd Ed.
7	Fluoride (as F)	mg/L	0.08	2	APHA 23 rd Ed.
8	Free Ammonia(as NH ₃)	mg/L	BLQ, (LOO-0.01)	5	APHA 23 rd Ed.
9	Hexavalent Chromium (as Cr ⁺⁶)	mg/L	BLQ, (LOO-0.01)	0.1	IS:3025 (P-52)
10	Nitrate Nitrogen (as NO ₃ -N)	mg/L	5.68	10	IS-3025 (P-34)
11	Odour	--	Characteristic	#	IS:3025 (P-5)
12	Oil & Grease	mg/L	BLQ, (LOQ-2)	10	IS-3025 (P-39)
13	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	BLQ, (LOQ-0.1)	1.0	APHA 23 rd Ed.
14	Sulphide (as S)	mg/L	BLQ, (LOO-0.005)	2	APHA 23 rd Ed.
15	Total kjeldahl Nitrogen (as NH ₃)	mg/L	0.28	100	APHA 23 rd Ed.
16	Temperature	°C	36.4	Shall not exceed 5 °C above the receiving water temperature.	APHA 23 rd Ed.
17	Total Residual Chlorine	mg/L	BLQ, (LOQ-0.1)	1	APHA 23 rd Ed.
18	Total Suspended Solids	mg/L	5	100	IS-3025 (P-17)
19	pH Value	--	7.67	5.5-9.0	IS-3025 (P-11)
Metal Analysis					

Naayla
 Reviewed By

[Signature]
 Authorised Signatory
 D. Mathur, Director

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TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : W20240516-040-071
 ULR Code : TC5503 24 2 00017734 F
 Report Date : 21-05-2024
 Sample Receipt Date : 16-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature/Name of the Sample : **ETP Outlet Water**
 Location : ETP Plant

Laboratory Provided Information:

Sample Quantity & Packaging : 5Litre x 1, Pet Can
 Test started on : 16-05-2024
 Test Completed : 21-05-2024
 Method of Sampling : FL/SOP/B/D-1
 Date of Sampling : 16-05-2024
 Sample Collected by : Mr. Utkarsh (FARE LABS Representative)



Analysis Report

S. No.	Parameters	Unit	Test Results	Standard Limits*	Test Method
Metal Analysis					
20	Arsenic (as As)	mg/L	BLQ, (LOO-0.01)	0.2	FL/SOP/ICPMS-23
21	Cadmium (as Cd)	mg/L	BLQ, (LOO-0.002)	2	FL/SOP/ICPMS-23
22	Copper (as Cu)	mg/L	BLQ, (LOO-0.01)	3	FL/SOP/ICPMS-23
23	Iron (as Fe)	mg/L	0.067	3	FL/SOP/ICPMS-23
24	Lead (as Pb)	mg/L	BLQ, (LOO-0.01)	0.1	FL/SOP/ICPMS-23
25	Manganese (as Mn)	mg/L	BLQ, (LOO-0.01)	2	FL/SOP/ICPMS-23
26	Mercury (as Hg)	mg/L	BLQ, (LOO-0.0005)	0.01	FL/SOP/ICPMS-23
27	Nickel (as Ni)	mg/L	BLQ, (LOO-0.01)	3	FL/SOP/ICPMS-23
28	Selenium (as Se)	mg/L	BLQ, (LOO-0.01)	0.05	FL/SOP/ICPMS-23
29	Total Chromium (as Cr)	mg/L	BLQ, (LOO-0.01)	2	FL/SOP/ICPMS-23
30	Vanadium (as V)	mg/L	BLQ, (LOO-0.01)	0.2	FL/SOP/ICPMS-23
31	Zinc (as Zn)	mg/L	BLQ, (LOO-0.01)	5	FL/SOP/ICPMS-23

Ambit
 Reviewed By

[Signature]
 Authorised Signatory
 D. Mathur, Director

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TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : W20240516-040-071
ULR Code : TC5503 24 2 00017734 F
Report Date : 21-05-2024
Sample Receipt Date : 16-05-2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature/Name of the Sample : **ETP Outlet Water**
Location : ETP Plant

Laboratory Provided Information:

Sample Quantity & Packaging : 5Litre x 1, Pet Can
Test started on : 16-05-2024
Test Completed : 21-05-2024
Method of Sampling : FL/SOP/B/D-1
Date of Sampling : 16-05-2024
Sample Collected by : Mr. Utkarsh (FARE LABS Representative)



Analysis Report

S. No.	Parameters	Unit	Test Results	HSPCB Limits***	Test Method
Biological					
1	Faecal coliform	MPN per 100ml	38	<100	APHA 23 rd Ed.

*(Schedule VI Of EPA, 1993) For Discharge into Surface Water

***HSPCB= Haryana state pollution Control board.

#All efforts should be made to remove colour and unpleasant odour as far as practicable

BLQ= Below Limit of Quantification; LOQ= Limit of Quantification.

Note: FL/SOP/ICPMS-23, Based on APHA 23rd Ed. 2017

Note: Specification of temperature applicable only in case of discharge of treated plant water in any inland surface water, Customer using this water for their irrigation purpose.

Opinion: The tested sample of water **conforms** to Standard/HSPCB Limits.

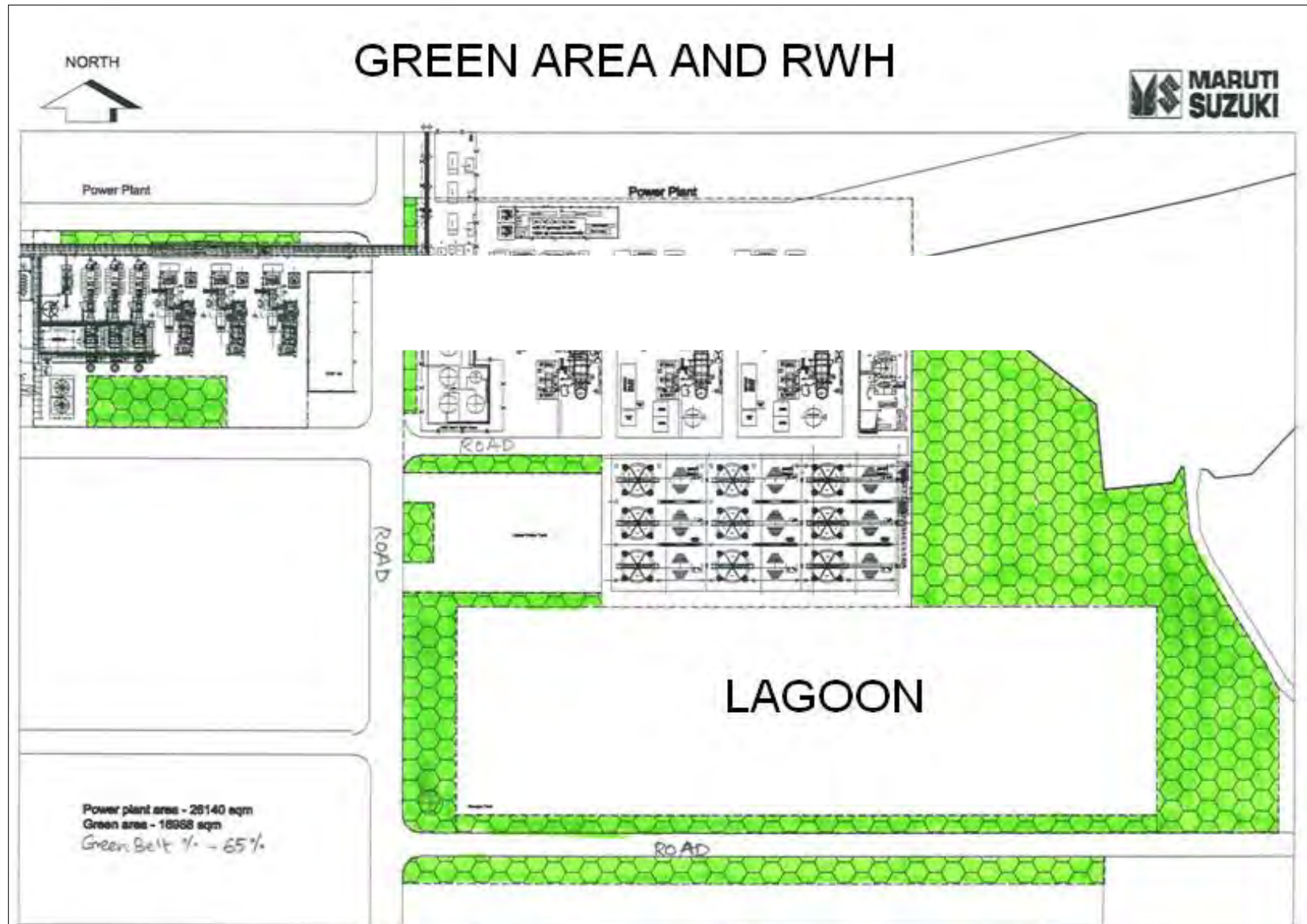
Reviewed By
[Signature]


Authorised Signatory
[Signature]
Ms. Meenakshi Bakshi, Scientist-B

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Maruti Suzuki India Limited, Manesar, Haryana
Green Area and RWH details



 Green Area

Ambient Air Quality Monitoring Reports

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240516-019-063
 ULR Code : TC5503 24 3 00007069 F
 Report Date : 21-05-2024
 Sample Receipt Date : 16-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
 Sampling Location : COP Lab Area

Laboratory Provided Information:

Date of Sampling : 15-05-2024
 Time of Sampling : 10:15 AM
 Test Started On : 16-05-2024
 Test Completed On : 21-05-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.18
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 35.6
 Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	81.36	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	143.29	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.59	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	23.74	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	59.43	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	13.28	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	7.19	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for PM₁₀ & PM_{2.5} values.


 Reviewed By


 Authorised Signatory
 D Mathur, Director

NOTE: The laboratory accepts the responsibility for content of report. The results contained in this test report pertains only to the sample tested not for the whole lot. Test report shall not be reproduced except in full, without written approval of the laboratory. This report is intended only for your guidance, and not for legal purposes, commercial decision, and for advertisement. Samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified. Any complaints about this report should be communicated in writing within 7 days of issue of this report. Total liability at FARELABS Pvt. Ltd. is limited to invoiced amount only. The recipient of this report is requested to kindly confirm with FARE LABS, the authenticity and genuineness of this report at report.confirmation@farelabs.com. FARE Labs is not responsible for any unconfirmed Test Report. If you have any complaint/feedback regarding the sample collection/testing/test report, please send an email at feedback@farelabs.com and call at +91 9599221777

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240903-013-042
ULR Code : TC5503 24 3 00013988 F
Report Date : 09/09/2024
Sample Receipt Date : 03/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : COP Lab Area

Laboratory Provided Information:

Date of Sampling : 02-09-2024
Time of Sampling : 12:04 PM
Test Started On : 03-09-2024
Test Completed On : 09-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.18
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 33.1
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	42.36	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	76.48	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.74	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	21.34	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	21.56	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	12.37	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	8.54	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240516-019-064
 ULR Code : TC5503 24 3 00007070 F
 Report Date : 21-05-2024
 Sample Receipt Date : 16-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
 Sampling Location : JV Gate Area

Laboratory Provided Information:

Date of Sampling : 15-05-2024
 Time of Sampling : 10:30 AM
 Test Started On : 16-05-2024
 Test Completed On : 21-05-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.16
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 37.2
 Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	73.25	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	132.54	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.62	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	18.65	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	62.35	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	16.52	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	6.32	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for **PM₁₀** & **PM_{2.5}** values.

Am
Reviewed By

D Mathur
Authorised Signatory
 D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240903-013-043
ULR Code : TC5503 24 3 00013989 F
Report Date : 09/09/2024
Sample Receipt Date : 03/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : JV Gate Area

Laboratory Provided Information:

Date of Sampling : 02-09-2024
Time of Sampling : 12:25 PM
Test Started On : 03-09-2024
Test Completed On : 09-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.18
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 33.8
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	49.84	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	82.79	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.82	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	17.54	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	19.73	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	15.69	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	7.23	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240517-012-019
 ULR Code : TC5503 24 3 00007136 F
 Report Date : 22-05-2024
 Sample Receipt Date : 17-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
 Sampling Location : **SND Gate**

Laboratory Provided Information:

Date of Sampling : 16-05-2024
 Time of Sampling : 11:20 AM
 Test Started On : 17-05-2024
 Test Completed On : 22-05-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.18
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 37.2
 Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	76.51	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	115.76	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.53	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	24.73	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	58.93	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	14.72	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	6.84	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(I)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for **PM₁₀** & **PM_{2.5}** values.


 Reviewed By


 Authorised Signatory
 D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240902-011-036
ULR Code : TC5503 24 3 00013924 F
Report Date : 07/09/2024
Sample Receipt Date : 02/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : **SND Gate**

Laboratory Provided Information:

Date of Sampling : 01-09-2024
Time of Sampling : 11:20 AM
Test Started On : 02-09-2024
Test Completed On : 07-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.2
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 32.1
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	52.16	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	78.49	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.78	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	18.74	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	19.42	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	12.55	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	8.76	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240517-012-020
 ULR Code : TC5503 24 3 00007137 F
 Report Date : 22-05-2024
 Sample Receipt Date : 17-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
 Sampling Location : STP Area

Laboratory Provided Information:

Date of Sampling : 16-05-2024
 Time of Sampling : 11:50 AM
 Test Started On : 17-05-2024
 Test Completed On : 22-05-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.16
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 36.5
 Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	83.29	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	131.68	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.65	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	18.49	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	61.25	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	18.96	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	9.25	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for **PM₁₀** & **PM_{2.5}** values.

Amr
 Reviewed By

[Signature]
 Authorised Signatory
 D Mathur, Director

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant

Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240902-011-037
ULR Code : TC5503 24 3 00013925 F
Report Date : 07/09/2024
Sample Receipt Date : 02/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : STP Area

Laboratory Provided Information:

Date of Sampling : 01-09-2024
Time of Sampling : 11:45 AM
Test Started On : 02-09-2024
Test Completed On : 07-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.18
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 32.6
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	57.48	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	86.53	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.82	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	22.36	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	23.64	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	16.89	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	12.38	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

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Times of India

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Way of Life!

PUBLIC NOTICE
MARUTI SUZUKI INDIA LIMITED
 Regd. Office: 1 Nelson Mandela Road,
 Vasant Kunj, New Delhi - 110070

SEIAA Haryana has accorded environment clearance for the proposed expansion of thermal (captive) power plant at Maruti Suzuki India Limited, Manesar Plant. The copies of the clearance letters are available with the Haryana State Pollution Control Board and the same can also be seen on the MSIL website <http://www.marutisuzuki.com/ec.html>

Date : 27 September 2012 Maruti Suzuki India Limited

Advertisement 2:

Amar Ujala

MARUTI SUZUKI
Way of Life!

सूचना
MARUTI SUZUKI INDIA LIMITED
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SEIAA हरियाणा द्वारा मारुति सुजुकी इंडिया लिमिटेड के मानेसर प्लांट में पावर प्लांट के विस्तार हेतु पर्यावरणीय अनुमोदन प्रदान कर दिया गया है. अनुमोदन पत्र की प्रतियाँ हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड के पास उपलब्ध हैं. अनुमोदन पत्र को मारुति सुजुकी इंडिया लिमिटेड की वेबसाइट www.marutisuzuki.com/ec.html पर भी देखा जा सकता है.

दिनांक : 27 सितम्बर 2012 मारुति सुजुकी इंडिया लिमिटेड

Long term study report
to assess the
Cumulative Impact of the
Power plant on Ambient
Air Quality (AAQ)

Long term study
to
Assess
The Cumulative Impact
of
the Power Plant (57 MW)
on
Ambient Air Quality (AAQ)

Project Proponent



Maruti Suzuki India Ltd.

Institute :



Pollution Control Research Institute,
BHEL, Ranipur, Haridwar - 249 403
Uttarakhand

ACKNOWLEDGEMENT

The Institute, Pollution Control Research Institute, Bharat Heavy Electricals Limited, Haridwar convey their deep sense of gratitude and appreciation to the officials of Maruti Suzuki India Limited (MSIL) for the valuable guidance and unstinted co-operation continuously extended to them for carrying out this assignment. Valuable assistance from officials of MSIL in providing relevant data and support have contributed immensely towards the smooth progress of study and have added value to this entire exercise, culminating in the preparation of this report.

We wish to thank officials of MSIL at Gurgaon for the courtesy and help extended to our team from time to time during their work for smooth conduct of this assignment.

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Background

In the year 2012, State Environment Impact Assessment Authority accorded Environment Clearance for the expansion of captive power plant at Maruti Suzuki India Limited, Manesar.

In the Condition no. 21 of the said clearance, the SEIAA has asked to initiate a long term study through a reputed institution to assess the impact of the power plant on the AAQ of the area, on the chemistry of upper atmosphere and radiation budget.

MSIL has engaged Pollution Control Research Institute (BHEL) to conduct the study on the AAQ of the plant.

Objective

The objective of this study is to conduct a long term study to assess the impact of power plant on the AAQ of the area, on the upper chemistry of upper atmosphere and radiation budget.

Power Plant Emissions

The flue gases from Power Project will be discharged through stack of 30 m height. The data has been monitored since from the inception of the project and shall be continued on regular intervals. The major pollutant in the flue gas are PM, SO₂, NO_x, and Ozone.

Content of the study – Impact of power plant operation on the following:

a) **Ambient Air Quality** – The AAQ standard as per National Ambient Air Quality Standard (NAAQS) prescribed under Environment Protection Rule are attached as Annexure A. The parameters are:

1. Sulphur Dioxide (SO₂)
2. Nitrogen Dioxide (NO₂)
3. Particulate Matter (PM₁₀)
4. Particulate Matter (PM_{2.5})

5. Ozone (O₃)
6. Lead (Pb)
7. Carbon Monoxide (CO)
8. Ammonia (NH₃)
9. Benzene (C₆H₆)
10. Benzo(a) Pyrene (BaP)
11. Arsenic (As)
12. Nickel (Ni)

So it is proposed to measure the parameters quarterly to include all seasons at well distributed four locations around power plant.

b) **Upper Atmosphere Chemistry** – The atmospheric chemistry studies the chemical composition of the natural atmosphere, the way gases, liquids, and solids in the atmosphere interact with each other and with the earth's surface and associated biota, and how human activities may be changing the chemical and physical characteristics of the atmosphere.

Certain man made gases interacting with each other and formed environmental pollutants in the upper atmosphere. These gases are mainly:

1. Oxides of Sulphur (SO_x)
2. Ozone (O₃)
3. Oxides of Nitrogen (NO_x)

Thus it is proposed to measure the trend of the above parameters for studying the impact on the chemistry of upper atmosphere in long term study due to gas emission.

c) **Radiation Budget** - The Earth can be considered as a physical system with an energy budget. The shortwave radiation net flow of energy into Earth and the longwave radiation out to Space determine the Earth's radiation budget.

There are various parameters which are affecting the earth's radiation budget. Particulate matter and SO₂ is the major contributor for affecting Sun radiation on earth.

Particulate matter (PM) – are tiny pieces of solid or liquid matter associated with the Earth's atmosphere. They are suspended in the atmosphere as atmospheric aerosol. The aerosol effect consists of any change to the earth's radiative budget due to the modification of clouds by atmospheric aerosols, and consists of several distinct effects.

Sulphur Dioxide (SO₂) - Sulphur dioxide is a major air pollutant and has significant impacts upon human health. Sulphur dioxide emissions are a precursor to acid rain and atmospheric particulates. It can be reduced by using Diesel of low Sulphur content or Natural Gas for running the gas turbines.

Thus it is proposed to measure the above parameters for long term study on the impact on radiation budget.

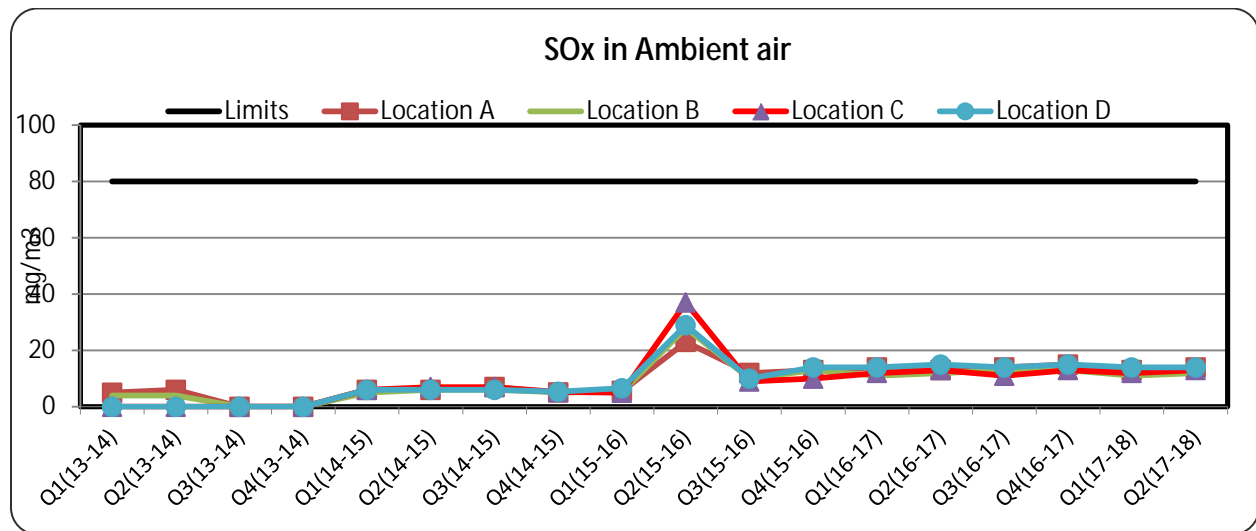
Measures results and graphs – The study commenced from April 2013 onwards. The Results are attached as below:

AMBIENT AIR MONITORING DATA 1st Qrt									
	S. No	Location	Starting Date	End Date	SO₂	NO_x	Ozone	PM_{2.5}	PM₁₀
2013-14	1	Site A	26.06.2013	27.06.2013	5	22	105	26	65
	2	Site B	26.06.2013	27.06.2013	4	20	110	26	58
	3	Site C	26.06.2013	27.06.2013	BDL	19	100	22	58
	4	Site D	26.06.2013	27.06.2013	BDL	18	105	23	51
2014-15	5	Site A	29.05.2014	30.05.2014	6	21	106	29	67
	6	Site B	29.05.2014	30.05.2014	5	22	109	27	61
	7	Site C	29.05.2014	30.05.2014	6	23	100	22	24
	8	Site D	29.05.2014	30.05.2014	6	21	105	26	55
2015-16	9	Site A	28.06.2015	29.06.2015	6	20	48	22	39
	10	Site B	28.06.2015	29.06.2015	5	22	60	26	40
	11	Site C	28.06.2015	29.06.2015	5	17	46	23	36
	12	Site D	28.06.2015	29.06.2015	7	23	67	23	45
2016-17	13	Site A	02.06.2016	03.06.2016	14	24	118	42	76
	14	Site B	02.06.2016	03.06.2016	11	24	115	45	75
	15	Site C	02.06.2016	03.06.2016	12	21	111	39	72
	16	Site D	02.06.2016	03.06.2016	14	23	120	43	75
2017-18	17	Site A	02.06.2017	03.06.2017	13	23	107	40	100
	18	Site B	02.06.2017	03.06.2017	11	23	110	41	79
	19	Site C	02.06.2017	03.06.2017	12	23	109	36	78
	20	Site D	02.06.2017	03.06.2017	14	24	111	41	76

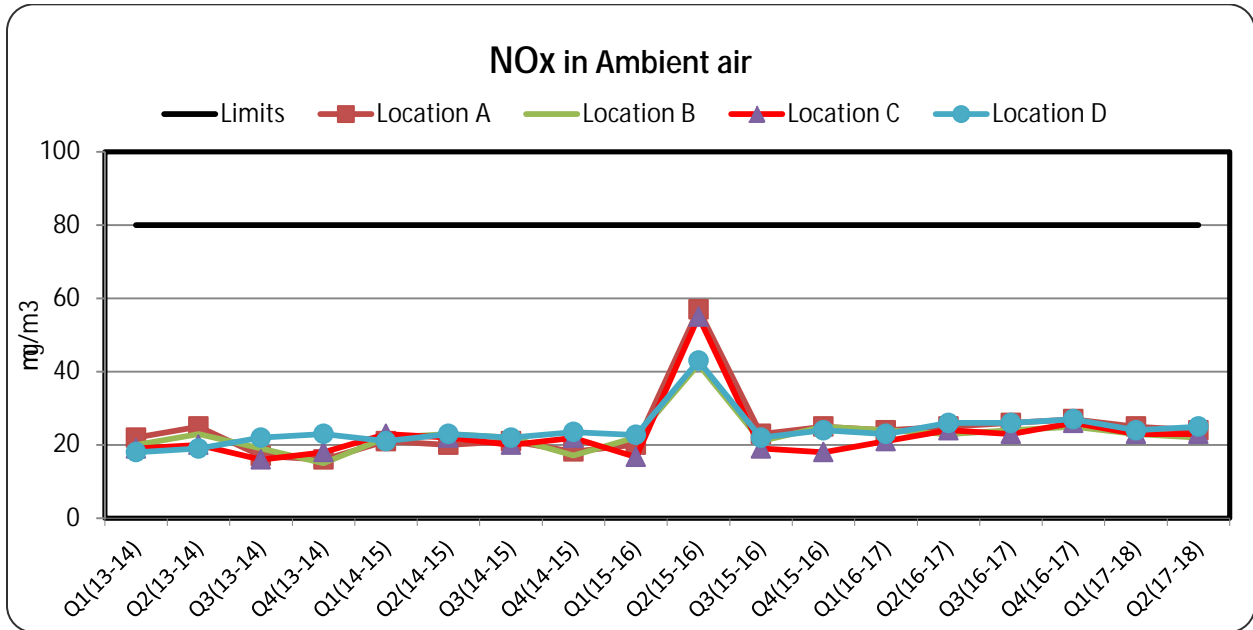
AMBIENT AIR MONITORING DATA IIInd Qrt									
	S.No	Location	Starting Date	End Date	SO ₂	NO _x	Ozone	PM _{2.5}	PM ₁₀
2013-14	1	Site A	26.08.2013	27.08.2013	6	25	110	27	68
	2	Site B	26.08.2013	27.08.2013	4	23	108	26	65
	3	Site C	26.08.2013	27.08.2013	BDL	20	103	23	62
	4	Site D	26.08.2013	27.08.2013	BDL	19	107	25	55
2014-15	5	Site A	12.09.2014	13.09.2014	6	20	115	30	69
	6	Site B	12.09.2014	13.09.2014	6	23	110	28	64
	7	Site C	12.09.2014	13.09.2014	7	22	108	31	67
	8	Site D	12.09.2014	13.09.2014	6	23	105	27	65
2015-16	9	Site A	25.08.2015	26.08.2015	23	57	37	29	64
	10	Site B	25.08.2015	26.08.2015	28	42	82	31	72
	11	Site C	25.08.2015	26.08.2015	37	55	42	23	58
	12	Site D	26.08.2015	27.08.2015	29	43	66	31	47
2016-17	13	Site A	03.09.2016	04.09.2016	14	24	118	42	76
	14	Site B	03.09.2016	04.09.2016	12	23	112	44	76
	15	Site C	03.09.2016	04.09.2016	13	24	116	38	77
	16	Site D	03.09.2016	04.09.2016	15	26	113	40	74
2017-18	17	Site A	24.08.2017	25.08.2017	14	24	107	40	79
	18	Site B	24.08.2017	25.08.2017	12	22	110	41	77
	19	Site C	24.08.2017	25.08.2017	13	23	109	36	78
	20	Site D	24.08.2017	25.08.2017	14	25	111	41	76

The obtained values are compared with the standard prescribed by Central Pollution Control Board (CPCB)/ MoEFCC. The interpretation of these data is as follows:

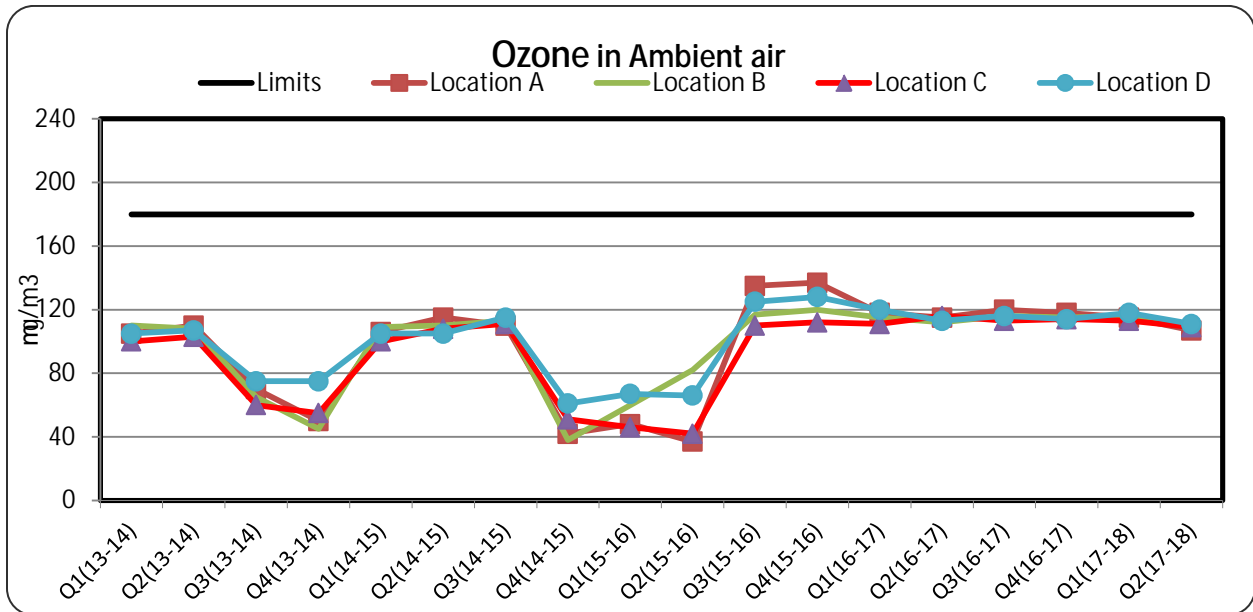
Sulphur Dioxide (SO₂): 24 hourly monitoring concentrations at various locations varied between 0 to 37 µg/m³. It reflects that their no increase in pollution load in AAQ of the area.



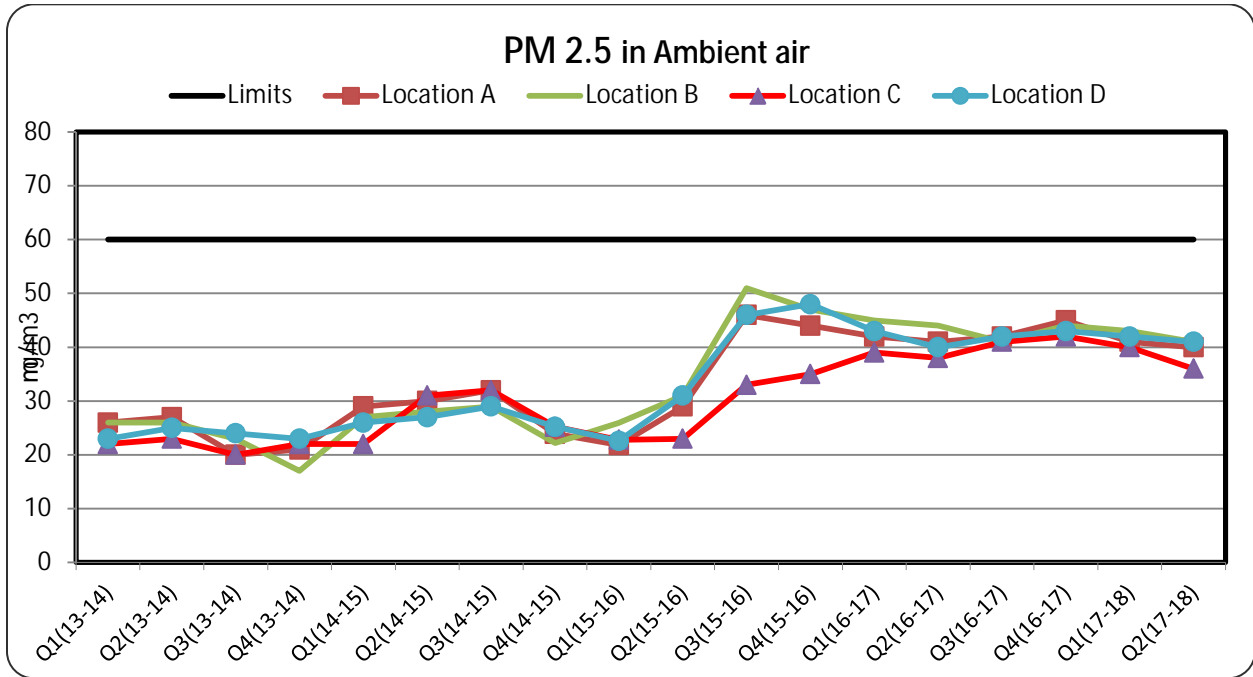
Nitrogen Oxide (NO_x): 24 hourly monitoring concentrations at various locations varied between 15 to 57 µg/m³. It reflects that their no increase in pollution load in AAQ of the area.



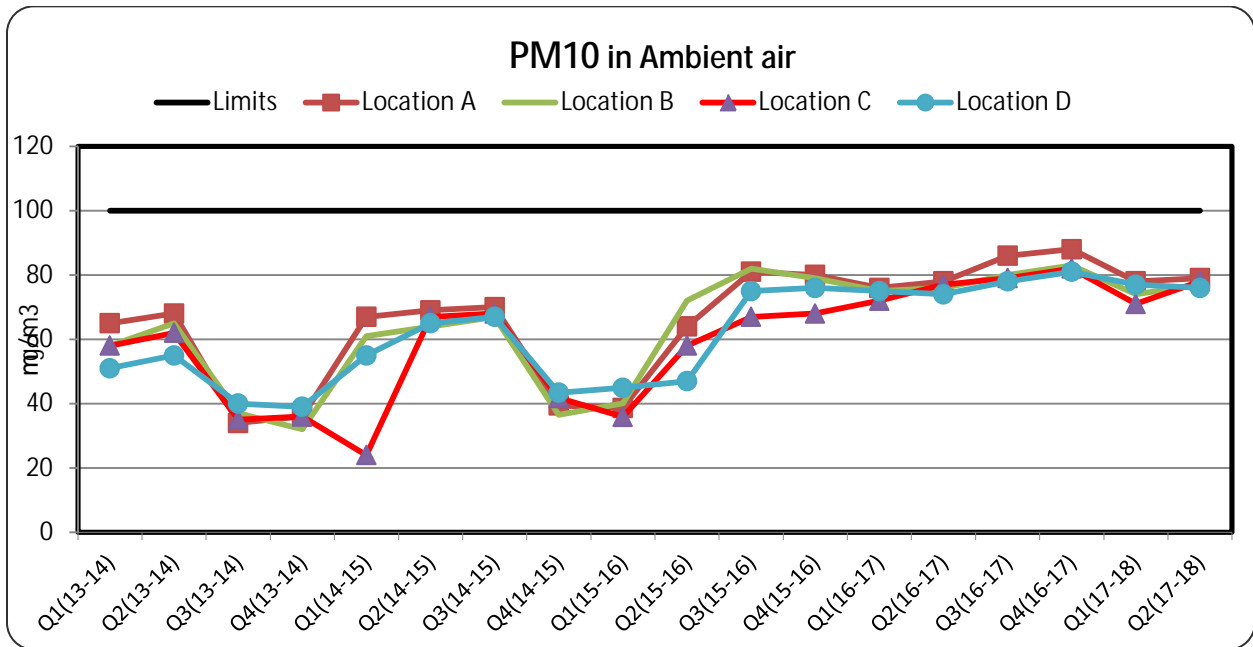
Ozone(O₃): The concentrations are various locations varied between 37 to 137 µg/m³. The study reflects that the effect on surrounding area due to the power plant emission is negligible.



PM_(2.5): 24 hourly monitoring concentrations at various locations varied between 17 to 51 µg/m³. It shows that the increase of pollution load is negligible in AAQ of the area.



PM₍₁₀₎: 24 hourly monitoring concentrations at various locations varied between 24 to 88 µg/m³. It shows that the increase of pollution load is negligible in AAQ of the area.



Conclusion:

The total concentrations are compared with National Ambient Air Quality Standards as notified by Central Pollution Control Board. It is concluded that there is no appreciable increase in the concentration of criterion pollutant namely Particulate matter, SO_x, NO_x and Ozone, so there is negligible impact on AAQ, chemistry of upper atmosphere and radiation budget.

NATIONAL AMBIENT AIR QUALITY STANDARDS (2009)

Pollutants	Time Weighted Average	Concentration in Ambient Air		Methods of Measurement
		Industrial, Residential, Rural and other Areas	Ecologically Sensitive Area (Notified by Central Government)	
Sulphur Dioxide (SO₂), µg/m³	Annual * 24 Hours **	50 80	20 80	-Improved West and Gaeke Method -Ultraviolet Fluorescence
Nitrogen Dioxide (NO₂), µg/m³	Annual * 24 Hours **	40 80	30 80	-Jacob & Hochheiser modified (NaOH-NaAsO ₂) Method -Gas Phase Chemiluminescence
Particulate Matter (Size less than 10µm) or PM₁₀, µg/m³	Annual * 24 Hours **	60 100	60 100	-Gravimetric -TEOM -Beta attenuation
Particulate Matter (Size less than 2.5µm) or PM_{2.5}, µg/m³	Annual * 24 Hours **	40 60	40 60	-Gravimetric -TEOM -Beta attenuation
Ozone (O₃) µg/m³	8 Hours * 1 Hour **	100 180	100 180	-UV Photometric -Chemiluminescence -Chemical Method
Lead (Pb) µg/m³	Annual * 24 Hours **	0.50 1.0	0.50 1.0	-AAS/ICP Method after sampling on EPM 2000 or equivalent filter paper -ED-XRF using Teflon filter
Carbon Monoxide(CO), mg/m³	8 Hours ** 1 Hour **	02 04	02 04	-Non dispersive Infrared (NDIR) Spectroscopy
Ammonia (NH₃), µg/m³	Annual * 24 Hours **	100 400	100 400	-Chemiluminescence -Indophenol blue method
Benzene (C₆H₆), µg/m³	Annual *	05	05	-Gas Chromatography (GC) based continuous analyzer -Adsorption and desorption followed by GC analysis
Benzo(a)Pyrene (BaP) Particulate phase only, ng/m³	Annual *	01	01	-Solvent extraction followed by HPLC/GC analysis
Arsenic (As), ng/m³	Annual *	06	06	-AAS/ICP Method after sampling on EPM 2000 or equivalent filter paper
Nickel (Ni), ng/m³	Annual *	20	20	-AAS/ICP Method after sampling on EPM 2000 or equivalent filter paper

* Annual Arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

** 24 hourly or 8 hourly or 1 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

NOTE: Whenever and wherever monitoring results on two consecutive days of monitoring exceed the limits specified above for the respective category, it shall be considered adequate reason to institute regular or continuous monitoring and further investigations.



प्रदूषण नियन्त्रण अनुसंधान संस्थान

भारत हेवी इलेक्ट्रिकल्स लिमिटेड, रानीपुर, हरिद्वार (उत्तराखण्ड)-249403

POLLUTION CONTROL RESEARCH INSTITUTE

(A Govt. of India - UNDP / UNIDO Project)

BHARAT HEAVY ELECTRICALS LIMITED

RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986: EIA Consultancy by NABET, QCI)



South Asia
ISO 9001-2008 OHSAS 18001-2007

TEST REPORT

AMBIENT AIR MONITORING

Lab. Ref.:PCRI: Air & Noise: 2017-2018 :0116

Date: 17.06.2017

A. GENERAL INFORMATION:

1.	Name and address of Plant	:	M/s Maruti Suzuki India Ltd., Manesar, Haryana
2.	Work Order No.	:	17-0062-0-791
3.	Date of sampling	:	02.06.2017 to 03.06.2017
4.	Location of Sampling	:	A:Near Material Gate
5.	Method of Sampling	:	IS:5182, Part-II-2001, IV-1999, NDIR, Jacob & Hochheiser Modified (Na-Arsenite) Method, FID, NDIR & Gas Detection System, IS-5182(Part-9), APHA-819, AAS and PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, B.H.E.L., Ranipur, Haridwar-U.K.

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	Allowable Limit**
1.	Sulphur Dioxide (SO ₂)	µg/m ³	13	80
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	25	80
3.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	78	100
4.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	41	60
5.	Ozone (O ₃)	µg/m ³	115	180
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Carbon Monoxide (CO)	mg/m ³	2.3	4
8.	Ammonia (NH ₃)	µg/m ³	BDL	400
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	12	20

BDL: Below Detectable Limit,

** : National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009

Ryadav

(R S Yadav)

Dy. Manager (PCRI)

राजेश सिंह यादव/R. S. Yadav

उप प्रबंधक/Dy Manager

Pollution Control Research Institute

प्रदूषण नियन्त्रण अनुसंधान संस्थान

BHEL, Ranipur, Haridwar

Services Offered : Monitoring of Air, Water, Noise & Solid Waste as per requirement of EP Act of CPCB, ISO 9001 and ISO 14001, Environmental Impact Assessment, Environmental Audits reports

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 - (3) Samples will be disposed off after one month from the date of issue of Test Certificate

(Approved Lab under Environment (Protection) Act, 1986: EIA Consultancy by NABET, QCI)

TEST REPORT

AMBIENT AIR MONITORING

Lab. Ref.:PCRI: Air & Noise: 2017-2018 :0117
Date: 17.06.2017

A. GENERAL INFORMATION:

1.	Name and address of Plant	:	M/s Maruti Suzuki India Ltd., Manesar, Haryana
2.	Work Order No.	:	17-0062-O-791
3.	Date of sampling	:	02.06.2017 to 03.06.2017
4.	Location of Sampling	:	B:Gate No. 1
5.	Method of Sampling	:	IS:5182, Part-II-2001, IV-1999 , NDIR, Jacob & Hochheiser Modified (Na-Arsenite) Method, FID, NDIR & Gas Detection System, IS-5182(Part-9) , APHA-819, AAS and PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, B.H.E.L., Ranipur, Haridwar-U.K.

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	Allowable Limit**
1.	Sulphur Dioxide (SO ₂)	µg/m ³	11	80
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	23	80
3.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	74	100
4.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	43	60
5.	Ozone (O ₃)	µg/m ³	116	180
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Carbon Monoxide (CO)	mg/m ³	2.5	4
8.	Ammonia (NH ₃)	µg/m ³	BDL	400
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	13	20

BDL: Below Detectable Limit,

** : National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009

Ryadav
(R S Yadav)

Dy. Manager (PCRI)

उप-प्रबंधक/ Dy. Manager

प्रदूषण नियंत्रण अनुसंधान संस्थान

BHEL, Ranipur, Haridwar

Services Offered : Monitoring of Air, Water, Noise & Solid Waste as per requirement of EP Act of CPCB & SPQR and providing Test reports, Environmental Impact Assessment, Environmental Audits reports

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TEST REPORT

AMBIENT AIR MONITORING

Lab. Ref.:PCRI: Air & Noise: 2017-2018 :0118

Date: 17.06.2017

A. GENERAL INFORMATION:

1.	Name and address of Plant	:	M/s Maruti Suzuki India Ltd., Manesar, Haryana
2.	Work Order No.	:	17-0062-O-791
3.	Date of sampling	:	02.06.2016 to 03.06.2016
4.	Location of Sampling	:	C:SND Gate
5.	Method of Sampling	:	IS:5182, Part-II-2001, IV-1999 , NDIR, Jacob & Hochheiser Modified (Na-Arsenite) Method, FID, NDIR & Gas Detection System, IS-5182(Part-9) , APHA-819, AAS, and PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, B.H.E.L., Ranipur, Haridwar-U.K.

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	Allowable Limit**
1.	Sulphur Dioxide (SO ₂)	µg/m ³	12	80
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	23	80
3.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	71	100
4.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	40	60
5.	Ozone (O ₃)	µg/m ³	113	180
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Carbon Monoxide (CO)	mg/m ³	1.9	4
8.	Ammonia (NH ₃)	µg/m ³	BDL	400
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	11	20

BDL: Below Detectable Limit,

** : National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009

R. S. Yadav
(R S Yadav)
Dy. Manager (PCRI)
जलेश्वर सिंह यादव/ R. S. Yadav
उप-प्रबंधक/ Dy. Manager
प्रदूषण नियन्त्रण अनुसंधान संस्थान
BHEL, Ranipur, Haridwar

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POLLUTION CONTROL RESEARCH INSTITUTE

(A Govt. of India - UNDP / UNIDO Project)

BHARAT HEAVY ELECTRICALS LIMITED

RANIPUR, HARIDWAR (U.K.) - 249 403

(Approved Lab under Environment (Protection) Act, 1986: EIA Consultancy by NABET, QCI)



South Asia
ISO 9001-2008 OHSAS 18001-2007

TEST REPORT

AMBIENT AIR MONITORING

Lab. Ref.:PCRI: Air & Noise: 2017-2018 :0119
Date: 17.06.2017

A. GENERAL INFORMATION:


1.	Name and address of Plant	:	M/s Maruti Suzuki India Ltd., Manesar, Haryana
2.	Work Order No.	:	17-0062-O-791
3.	Date of sampling	:	02.06.2016 to 03.06.2016
4.	Location of Sampling	:	D:Near Incinerator
5.	Method of Sampling	:	IS:5182, Part-II-2001, IV-1999, NDIR, Jacob & Hochheiser Modified (Na-Arsenite) Method, FID, NDIR & Gas Detection System, IS-5182(Part-9), APHA-819, AAS and PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, B.H.E.L., Ranipur, Haridwar-U.K.

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	Allowable Limit**
1.	Sulphur Dioxide (SO ₂)	µg/m ³	14	80
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	24	80
3.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	77	100
4.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	42	60
5.	Ozone (O ₃)	µg/m ³	118	180
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Carbon Monoxide (CO)	mg/m ³	2.0	4
8.	Ammonia (NH ₃)	µg/m ³	BDL	400
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	13	20

BDL: Below Detectable Limit,

** : National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009


(R S Yadav)
Dy. Manager (PCRI)
रानीपुर/ R. S. Yadav
Dy. Manager
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BHEL, Ranipur, Haridwar

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BHARAT HEAVY ELECTRICALS LIMITED
RANIPUR, HARIDWAR (U.K.) - 249 403



(Approved Lab under Environment (Protection) Act, 1986: EIA Consultancy by NABET, QCI)

TEST REPORT
AMBIENT AIR MONITORING

Lab. Ref.:PCRI: Air & Noise:2017-2018 :0533
Date: 14.09.2017

A. GENERAL INFORMATION:


1.	Name and address of Plant	:	M/s Maruti Suzuki India Ltd., Manesar, Haryana
2.	Work Order No.	:	17-0135-0-791
3.	Date of sampling	:	24.08.2017 to 25.08.2017
4.	Location of Sampling	:	A:Near Material Gate
5.	Method of Sampling	:	IS:5182, Part-II-2001, IV-1999, NDIR, Jacob & Hochheiser Modified(Na-Arsenite) Method, FID, NDIR & Gas Detection System, IS-5182(Part-9), APHA-819, AAS and PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, B.H.E.L., Ranipur, Haridwar-U.K.

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	Allowable Limit**
1.	Sulphur Dioxide (SO ₂)	µg/m ³	14	80
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	24	80
3.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	79	100
4.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	40	60
5.	Ozone (O ₃)	µg/m ³	107	180
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Carbon Monoxide (CO)	mg/m ³	2.2	4
8.	Ammonia (NH ₃)	µg/m ³	BDL	400
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	10	20

BDL: Below Detectable Limit,

** : National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009.


(R S Yadav)
Dy. Manager (PCRI)
राजेन्द्र सिंह यादव/ R. S. Yadav
उप प्रबन्धक/ Dy Manager
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PCRI/051

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TEST REPORT
AMBIENT AIR MONITORING

Lab. Ref.:PCRI: Air & Noise:2017-2018 :0534
Date: 14.09.2017

A. GENERAL INFORMATION:

1.	Name and address of Plant	:	M/s Maruti Suzuki India Ltd., Manesar, Haryana
2.	Work Order No.	:	17-0135-0-791
3.	Date of sampling	:	24.08.2017 to 25.08.2017
4.	Location of Sampling	:	B:Gate No. 1
5.	Method of Sampling	:	IS:5182, Part-II-2001, IV-1999, NDIR, Jacob & Hochheiser Modified (Na-Arsenite) Method, FID, NDIR & Gas Detection System, IS-5182(Part-9), APHA-819, AAS and PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, B.H.E.L., Ranipur, Haridwar-U.K.

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	Allowable Limit**
1.	Sulphur Dioxide (SO ₂)	µg/m ³	12	80
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	22	80
3.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	77	100
4.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	41	60
5.	Ozone (O ₃)	µg/m ³	110	180
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Carbon Monoxide (CO)	mg/m ³	2.4	4
8.	Ammonia (NH ₃)	µg/m ³	BDL	400
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	12	20

BDL: Below Detectable Limit,

** : National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009

R. S. Yadav

(R S Yadav)

Dy. Manager (PCRI)

राजेश सिंह यादव/R. S. Yadav

उप प्रबन्धक/Dy Manager

Pollution Control Research Institute

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RANIPUR, HARIDWAR (U.K.) - 249 403



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TEST REPORT
AMBIENT AIR MONITORING

Lab. Ref.:PCRI: Air & Noise:2017-2018 :0535
Date: 14.09.2017

A. GENERAL INFORMATION:

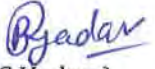
1.	Name and address of Plant	:	M/s Maruti Suzuki India Ltd., Manesar, Haryana
2.	Work Order No.	:	17-0135-0-791
3.	Date of sampling	:	24.08.2017 to 25.08.2017
4.	Location of Sampling	:	C:SND Gate
5.	Method of Sampling	:	IS:5182, Part-II-2001, IV-1999, NDIR, Jacob & Hochheiser Modified (Na-Arsenite) Method, FID, NDIR & Gas Detection System, IS-5182(Part-9), APHA-819, AAS and PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, B.H.E.L., Ranipur, Haridwar-U.K.

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	Allowable Limit**
1.	Sulphur Dioxide (SO ₂)	µg/m ³	13	80
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	23	80
3.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	78	100
4.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	36	60
5.	Ozone (O ₃)	µg/m ³	109	180
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Carbon Monoxide (CO)	mg/m ³	1.85	4
8.	Ammonia (NH ₃)	µg/m ³	BDL	400
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	11	20

BDL: Below Detectable Limit,

** : National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009


(R S Yadav)
Dy. Manager (PCRI)
राजेन्द्र सिंह यादव/ R. S. Yadav
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Services Offered : Monitoring of Air, Water, Noise & Solid Waste as per requirement of EP Act of CPCB & SP...
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TEST REPORT
AMBIENT AIR MONITORING

Lab. Ref.:PCRI: Air & Noise:2017-2018:0536
Date: 14.09.2017

A. GENERAL INFORMATION:


1.	Name and address of Plant	:	M/s Maruti Suzuki India Ltd., Manesar, Haryana
2.	Work Order No.	:	17-0135-O-791
3.	Date of sampling	:	24.08.2017 to 25.08.2017
4.	Location of Sampling	:	D:Near Incinerator
5.	Method of Sampling	:	IS:5182, Part-II-2001, IV-1999, NDIR, Jacob & Hochheiser Modified (Na-Arsenite) Method, FID, NDIR & Gas Detection System, IS-5182(Part-9), APHA-819, AAS and PM2.5 Sampler
6.	Duration of Sampling	:	24 Hours
7.	Sample collection by	:	PCRI, B.H.E.L., Ranipur, Haridwar-U.K.

B. RESULTS OF AMBIENT AIR MONITORING:

Sl. No.	Parameter	Unit	Obtained Value	Allowable Limit**
1.	Sulphur Dioxide (SO ₂)	µg/m ³	14	80
2.	Nitrogen Dioxide (NO ₂)	µg/m ³	25	80
3.	Particulate Matter less than 10 µm or PM ₁₀	µg/m ³	76	100
4.	Particulate Matter less than 2.5 µm or PM _{2.5}	µg/m ³	41	60
5.	Ozone (O ₃)	µg/m ³	111	180
6.	Lead (Pb)	µg/m ³	BDL	1
7.	Carbon Monoxide (CO)	mg/m ³	2.1	4
8.	Ammonia (NH ₃)	µg/m ³	BDL	400
9.	Benzene (C ₆ H ₆)	µg/m ³	BDL	5
10.	Benzo(a)pyrene (BaP)	ng/m ³	BDL	1
11.	Arsenic (As)	ng/m ³	BDL	6
12.	Nickel (Ni)	ng/m ³	12	20

BDL: Below Detectable Limit,

** : National Ambient Air Quality Standards as per CPCB Notification N. Delhi, the 18 Nov. 2009.


(R S Yadav)
Dy. Manager (PCRI)
राजेन्द्र सिंह यादव/ R. S. Yadav
उप प्रबन्धक/ Dy Manager
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BY SPEED POST

F.No. J-13012/71/2007-IA.II(T)
Government of India
Ministry of Environment & Forests

Prayavaran Bhawan
CGO Complex, Lodi Road
New Delhi-110 003
Dated: 9th May, 2008

To

M/s Maruti Suxuki India Ltd
Palam - Gurgaon Road
Gurgaon -122 015.
Haryana.

Subject : 10x7 MW Gas turbine at Manesar, Gurgaon, Haryana by M/s
Maruti Suzuki India Ltd-Regarding - Regarding.

Sir,

Reference is invited to your letter No. MSIL:PRDS: EM2:1746 dated 17th April, 2008 on the above mentioned subject. The contents of the above referred letter have been examined.

2. The Ministry of Environment and Forests hereby amends the Para 2, line 6 of this Ministry's letter of even no. dated 5th February, 2008 as under:-

-To read as-

"Gas requirement will be 0.4 mmscmd."

- Instead of -

"Gas requirement will be 1580 m3/day."

3. In view of the above change, the following additional condition is stipulated hereby-

Condition no. 3(xx) "Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident due to fire and explosion hazard. Leak detection devices shall also be installed at strategic places for early detection and warning". Necessary clearance from the Deptt. of Explosive, Nagpur shall be taken for inventory of HSD and related installations

pertaining to Natural Gas/HSD. Sulphur content in HSD shall not exceed more than 1.00%

4. All other conditions contained in this Ministry's earlier letter of even no. dated 5th February, 2008 shall remain unchanged.

This issues with the approval of the Competent Authority.

Yours faithfully;

(OM PRAKASH)
Deputy Director

Copy to:-

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi - 110001.
2. The Secretary (Environment), Deptt. of Environment, Haryana Civil Secretariat, Government of Haryana, Chandigarh.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi- 110066.
4. The Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula, Haryana
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD- cum- Office Complex, East Arjun Nagar, Delhi-110032.
6. The Chief Conservator of Forests, Northern Regional Office, Ministry of Environment & Forests, SCO 132-133, Sector 34-A, Chandigarh-160022.
7. Monitoring file.

Om P
9/2/08
(OM PRAKASH)
Deputy Director

By Speed Post

No. J-13011/71/2007-IA.II(T)
Government of India
Ministry of Environment & Forests

Prayavaran Bhawan
CGO Complex, Lodi Road
New Delhi-110 003

Dated: 5th February, 2008

To

M/s Maruti Suzuki India Ltd.
Palam – Gurgaon Road,
Gurgaon- 122 015
Haryana.

Sub: 10x7 MW Gas turbine at Manesar, Gurgaon, Haryana by M/s Maruti Suzuki India Ltd - Environmental Clearance regarding.

The undersigned is directed to refer your communication no. MUL: PRDS: EM2:1654 dated 3rd Oct, 2007 on the subject mentioned above. Subsequent information furnished vide letter no. MSIL:PRDS:EM2:1707 dated 7.1.2008 has also been considered.

2. It is noted that the proposal is for grant of environmental clearance under the provisions of EIA Notification, 2006 for expansion of existing 16.2 MW power plant by adding 10x7 MW units. The power plant is captive power plant. The land requirement is 8500 m². The coordinates of the proposed project site are latitude 27^o 39' N to 28^o 32'N and Longitude 76^o 39' E to 77^o 20'E. Gas will be used as fuel, however, HSD will be used as standby fuel in emergency when gas is not available. Gas requirement will be 1580 m³/day. Water requirement will be 2451 KL/day, which will be sourced from bore well. The project was exempted from public hearing being located in a notified industrial estate. Cost of the project is Rs 389.00 crores, which includes Rs 42.5 crores for environmental protection measures.

3. The proposal has been considered and Ministry of Environment & Forests hereby accords environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:-

- (i) No additional land shall be acquired in excess of 8500 m² for any utilities/ facilities relating to the proposed project.

- (ii) NOC from BARC shall be obtained prior to start of construction of the project due to the proximity of the project to BARC Observatory.
- (iii) Gas shall only be used as fuel, however, HSD may be used as standby fuel for not more than 30 days in a year when gas is not available. However, the 3 turbines scheduled to be installed during 2008 may be operated on HSD till January, 2009 when gas would become available. Thereafter, gas shall be used as fuel.
- (iv) Dry Low NOx burners shall be provided and it shall be ensured that NOx emissions from the stack is less than 100 ppm.
- (v) The height of the stack shall be as per the standards prescribed under the Environment (Protection) Act in this regard or 30 m, whichever is more with continuous online monitoring system. Exit velocity shall not be less than 29 m/s.
- (vi) Air cooled condensers shall be installed.
- (vii) Water requirement shall not exceed the 2451 KL/day and shall be met from existing bore wells. The necessary prior permission for drawl of requisite quantity of groundwater for the project as applicable shall be obtained from the Competent Authority.
- (viii) Treated effluents conforming to the prescribed standards shall be re-circulated and reused within the plant area. No effluents shall be discharged outside the plant boundary.
- (ix) Rainwater harvesting shall be practiced. A detailed scheme for rain water harvesting to recharge the ground water aquifer shall be prepared in consultation with Central Ground Water Authority/ State Ground Water Board and a copy of the same shall be submitted within three months to this Ministry.
- (x) Leq of Noise level shall be limited to 75 dBA and regular maintenance of equipments should be undertaken. For people working in high noise areas, personal protection devices should be provided.
- (xi) A greenbelt shall be developed around the plant boundary with tree density of around 2500 trees per ha. The area under greenbelt shall be at least 1/3rd of the total area.
- (xii) First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.

- (xiii) Regular monitoring of the ambient air quality shall be carried out in and around the power plant and records maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with the State Pollution Control Board. Periodic reports shall be submitted to the Regional Office of this Ministry at Chandigarh.
 - (xiv) The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>.
 - (xv) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
 - (xvi) Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry, the Regional Office, and the CPCB/SPCB.
 - (xvii) Regional Office of the Ministry of Environment & Forests located at Chandigarh will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring
 - (xviii) Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure shall be reported to the Ministry.
 - (xix) Full cooperation shall be extended to the Scientists/Officers from the Ministry/ Regional Office of the Ministry at Chandigarh /the CPCB/the SPCB who would be monitoring the compliance of environmental status.
4. The Ministry reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry.
5. The environmental clearance accorded shall be valid for a period of 5 years to start of production operation by the power plant.
6. In case of any deviation or alteration in the project proposed from that submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess

the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

7. The above stipulations shall be enforced along with others as under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, The Manufacture, Storage and Import of Hazardous Chemical Rules, 1989, Hazardous Wastes (Management and Handling) Rules, 1989, the Public Liability Insurance Act, 1991 and rules there under.



(Dr. S.K. AGGARWAL)
Director

Copy to:-

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi - 110001.
2. The Secretary (Environment), Deptt. of Environment, Haryana Civil Secretariat, Government of Haryana, Chandigarh.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
4. The Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula, Haryana - **with a request to display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's office for 30 days.**
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
6. The Chief Conservator of Forests, Northern Regional Office, Ministry of Environment & Forests, SCO 132-133, Sector 34-A, Chandigarh-160022.
7. The Director (EI), MOEF.
8. Guard file.
9. Monitoring file.



(Dr. S.K. AGGARWAL)
Director

27-Nov-2024

MSIL:CUIP:ESEC:ENV:2024-25: 145

To
Ministry of Environment, Forest, and Climate Change
Integrated Regional Office
Bays No 24-25, Sector – 31 A
Dakshin Marg,
Chandigarh - 160030

Sub: Half yearly report for the Compliance of conditions given in the Environmental Clearance of 70MW Captive Power Plant-Gas turbine, Manesar.

Ref: Environment Clearance Letter from MoEF – No. J-13011/71/2007-IA-II (T), dated 05.02.2008.

Dear Sir,

Enclosed please find herewith the half yearly compliance report for the period of April 24 to September 24 related to Environment Clearance issued for our Gas turbine (70 MW).

Thanking You.

Yours Faithfully

Paresh Mani Sharma
DGM (Environment)
Maruti Suzuki India Limited

Paresh Mani Sharma
Deputy General Manager (Environment)
Maruti Suzuki India Limited, Gurgaon

CC: 1. Haryana State Pollution Control Board, Panchkula
2. Central Pollution Control Board, Lucknow

MARUTI SUZUKI INDIA LIMITED

Head Office:

Maruti Suzuki India Limited,
1, Nelson Mandela Road, Vasant Kunj,
New Delhi - 110070, India.
Tel: 011- 46781000, Fax: 011-46150275/46150276
E-mail id: contact@maruti.co.in, www.marutisuzuki.com

Gurgaon Plant:

Maruti Suzuki India Limited,
Old Palam Gurgaon Road,
Gurgaon - 122015, Haryana, India.
Tel: 0124-2346721, Fax: 0124-2341304

Manesar Plant:

Maruti Suzuki India Limited,
Plot no.1, Phase - 3A, IMT Manesar,
Gurgaon - 122051, Haryana, India.
Tel: 0124-4884000, Fax: 0124-4884199

“Six Monthly Compliance Report”

April 24 to September 24

**For the conditions stipulated in
Environmental Clearance of 70 MW
Captive Power Plant, Manesar**



Submitted by-
M/s Maruti Suzuki India Limited,
Gurugram Plant, Palam Gurugram Road
Gurugram-122015, Haryana

MARUTI SUZUKI INDIA LIMITED, GURGAON, HARYANA

Ref: Environment Clearance letter from MoEF no - J-13011/71/2007-IA.II (T) dated 5.2.2008

S. No.	Clearance Conditions	Compliance Status
1	No additional land shall be acquired in excess of 8500 m ² for any utilities / facilities relating to the project.	The project is located within Maruti Suzuki India Limited premises at IMT Manesar, and the power plant is set within 8500 sq. mtrs. area.
2	NOC from BARC shall be obtained prior to start of construction of the project due to the proximity of the project to BARC observatory.	NOC obtained from BARC is placed at Annexure-1.
3	Gas shall only be used as fuel; however, HSD may be used as standby fuel for not more than 30 days in a year when gas is not available. However, the 3 turbines scheduled to be installed during 2008 may be operated on HSD till January, 2009 when gas would become available. Thereafter, gas shall be used as fuel.	Natural gas supplies have commenced at Manesar plant
4	Dry Low NO _x burners shall be provided, and it shall be ensured that NO _x emission from the stack is less than 100 ppm.	NO _x emissions are less than 100 ppm. The stack monitoring reports are placed at Annexure-2.
5	The height of the stack shall be as per the standards prescribed under the Environment (Protection) Act in this regard or 30 m, whichever is more with continuous online monitoring system. Exit velocity shall not be less than 29 m/s.	All the stacks of the installed Gas Turbines are of 30 mts height and Continuous online monitoring system installed.
6	Air cooled condensers shall be installed.	Air cooled condenser installed for the Gas Turbines.
7	Water requirement shall not exceed the 2451 KL/day and shall be met from existing bore wells. The necessary prior permission for drawl of requisite quantity of groundwater for the project as applicable shall be obtained from the Competent Authority.	As air-cooled condenser is installed for the Gas Turbines, the daily water requirement is very negligible. Current water withdrawal is maintained within the quantity permitted by the Competent Authority from canal water.
8	Treated effluents conforming to the prescribed standards shall be recirculated and reused within the plant area, No effluents shall be discharged outside the plant boundary.	The treated effluents confirm the prescribed standards and are reused for the process requirements after recycling. The report is placed at Annexure-3.
9	Rainwater harvesting shall be practiced. A detailed scheme for rain water harvesting to recharge the ground water aquifer shall be prepared in consultation with central Ground water Authority/ State Ground Water Board and a copy of the same shall be submitted within three months to this Ministry.	Rainwater harvesting lagoons have been constructed to take care of surface runoff and recharge the aquifers. The location of the lagoon is attached as Annexure-4.
10	Leq of Noise level shall be limited to 75 dBA and regular maintenance of equipments should be undertaken. For people working in high noise	Gas Turbines are provided with the acoustic enclosure to limit the noise level within 75 dBA at plant boundary. The people working

	areas, personal protection devices should be provided.	in high-noise areas are provided with personal protection equipment's.
11	A greenbelt shall be developed around the plant boundary with tree density of around 2500 trees per ha. The area under greenbelt shall be at least 1/3 rd of the total area.	Details of the Green Belt are placed at Annexure-4 .
12	First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	First aid and necessary sanitation arrangements were provided for the drivers and other contract workers during the construction phase.
13	Regular monitoring of the ambient quality shall be carried out in and around the power plant and records maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with the state pollution Control Board. Periodic reports shall be submitted to the Regional Office of this Ministry at Chandigarh.	Ambient Air quality is being monitored quarterly at the locations fixed based on the modelling results from MoEFCC authorized Laboratory and the reports are placed at Annexure-5 .
14	The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the issue of this letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forest at http://envfor.nic.in .	Notice was published in Amar Ujala (Hindi) and Tribune (English). Copy of the same is attached as Annexure-6 .
15	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	A separate Environment Management Department has been set up.
16	Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry, the Regional Office and the CPCB/SPCB.	We are submitting the half yearly compliance reports to concerned offices on or before June and Dec of every year.
17	Regional office of the Ministry of Environment & forests located at Chandigarh will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.	Complied.

18	Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure shall be reported to the Ministry.	Funds for EMP have been included in the project cost itself. It is utilised for this purpose only.
19	Full cooperation shall be extended to the Scientist/Officers from the Ministry/ Regional Office of the Ministry at Chandigarh/the CPCB/THE SPCB who would be Monitoring the Compliance of Environmental status.	Full Cooperation will be extended to the officials from SPCB / CPCB and MoEFCC.

GOVERNMENT OF INDIA
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE
NORHTERN REGIONAL OFFICE
CHANDIGARH

DATA SHEET

1.	Project Type: River Valley/Mining/Industry /Transportation Tourism/Thermal/Nuclear/Other (Specify)	Thermal
2.	Name of the Project:	70 MW Gas turbine at Maruti Suzuki India Limited, Manesar, Gurugram, Haryana
3.	Clearance letter (s)/ O.M No. & dates:	No. J-13011/71/2007-IA.II(T) Dated: 5 th February, 2008
4.	Location: a) District (s) b) State (s) c) Latitudes/Longitudes	District: Gurugram (South) State: Haryana Latitude: 27 ^o 39' N to 28 ^o 32'N Longitude: 76 ^o 39'E to 77 ^o 20'E
5.	a) Address of Correspondence (with Pin Code/ Tel No./Telex/Fax No./E mail address) b) Address of executive Project Engineer/ Manager (with Pin Code/ Tel No./Telex/Fax No./Email address)	Mr. Paresh Mani Sharma Deputy General Manager, Environment Management Maruti Suzuki India Limited Gurugram, Haryana Email: PareshMani.Sharma@maruti.co.in Phone: 0124 – 2346721 ~ 30 Extn: 3583 Mr. Bineet Arora Assistant Vice President – EMU Maruti Suzuki India Limited Palam Gurgaon Road Gurugram, Haryana Email: Bineet.arora@maruti.co.in Phone :0124 – 2346721 ~ 30
6.	Salient Features: a) of the project b) of the environmental management plans	Salient Features of the project and Environmental Management Plant details is enclosed in Annexure A .
7.	Breakup of the project area: a) Submergence area: Forest & Non-forest b) Others	The project is located within MSIL premises in the Industrial Area.
8.	Breakup of the project affected population with enumeration of those losing house /dwelling units only, agricultural land only both dwelling units and agricultural land and landless laborers/artisans. a) SC/ST/Adivasis	Not Applicable

	<p>b) Others (Please indicate whether these figures are based on any scientific and systematic survey carried out or only provisional figures. If a survey has been carried out, give details and year of survey)</p>	
9.	<p>Financial details:</p> <p>a) Project cost as originally planned and subsequent revised estimates and the year or price reference.</p> <p>b) Allocations made for environmental management plans with item wise and year wise break up.</p> <p>c) Benefit cost ratio/Internal Rate of Return and the year of assessment.</p> <p>d) Whether (c) includes the cost of environment management as shown in b) above.</p> <p>e) Actual expenditure incurred on the project so far.</p> <p>f) Actual expenditure incurred on the environmental management plans so far:</p>	<p>Rs. 389 Crores</p> <p>-</p> <p>-</p> <p>-</p> <p>Rs. 319 Crores</p> <p>Rs. 52.4 Crores</p>
10.	<p>Forest land requirement:</p> <p>a) The status of approval for diversion of forest land for non-forestry use.</p> <p>b) The status of clear felling.</p> <p>c) The status of compensatory afforestation of clear felling. If any.</p> <p>d) Comments on the viability & sustainability of compensatory afforestation programmes in the light of actual field experience so far.</p>	Not Applicable
11.	The status of clear feeling in non-forest areas (such as submergence area of reservoir, approach road) if any, with quantitative information.	Not Applicable
12.	<p>Status of construction.</p> <p>1. date of commencement (actual and/ or planned)</p> <p>2. Date of completion (actual and / or planned)</p>	<p>2X20MW GT are under operation.</p> <p>3X10 MW GT has been dismantled.</p>
13.	Reasons for the delay if the project is yet to start:	Not Applicable

SALIENT FEATURES OF PROJECT

1. Name of the Project : Gas turbine at Maruti Suzuki India Limited, Manesar, Gurugram, Haryana
2. Capacity : 70 MW
3. Location : Maruti Suzuki India Limited, IMT Manesar.
4. Total project cost : Rs. 389 Crores
5. Land Area : 8500 sq m

ENVIRONMENTAL MANAGEMENT PLAN***Water Pollution control:***

- The Gas Turbine is air cooled hence the waste water generated shall be very minimum. Existing ETP will treat the effluent arising out of the plant operation and the treated waste water will be reused.

Air Pollution control:

- Stacks of the GT shall be maintained at 30 m.
- NO_x emissions will be below 100 ppm.
- SPM and SO₂ emissions will be very low as natural gas (clean fuel) is being used for the operation. HSD (ultra-low Sulphur diesel) shall only be used initially or in case of emergency operation.

Noise Pollution Control:

- The noise from Gas Turbines is controlled by acoustic enclosures. The noise level at the periphery of factory/premises will not exceed the ambient noise level of 75dBA.

Ground Water:

- Rain water harvesting lagoons have been constructed to take care of surface run off and recharge the aquifers.

Green belt development:

- Adequate green area will be developed with local area species having capacities to reduce SPM and noise levels.

NOC from BARC (Bhabha Atomic Research Centre)

228

Fax

दूरभाष/Tel.: 022 - 2550 5354
फैक्स/Fax: 022 - 2550 5161
022 - 2550 5353
ई-मेल/e-mail: ndsharma@barc.gov.in



सेंट्रल कॉम्प्लेक्स,
ट्रॉम्बे, मुंबई - 400 085,
Central Complex,
Trombay,
Mumbai - 400 085.

न. द. शर्मा
नियंत्रक
N. D. Sharma
Controller

भारत सरकार
GOVERNMENT OF INDIA
भाभा परमाणु अनुसंधान केंद्र
BHABHA ATOMIC RESEARCH CENTRE

Ref: 14/8/91/Admn-I / 3281

April 16, 2008

Maruti Suzuki India Limited,
Palam Gurgaon Road,
Gurgaon, Haryana - 122 015

Kind Attn: Mr Vinay Varshney, Chief General Manager (Production Services)

Sub: NOC for Expansion of Power Plant at MSIL, IMT Manesar

Sir,

With reference to your letter MSIL:PRDS:EM2:1728 dated 18th February, 2008, we confirm that BARC has no objection in expansion of your power plant at IMT Manesar.

Thanking You,

Yours faithfully,
N. D. Sharma

(N. D. Sharma)
Controller
16/04/08

संचार अनुभाग / Communication Section
फैक्स परिवहन / Fax Transmission
संदेश सं. / Message No. 6072
दिनांक 29/5/08
Transmitted on..... at..... hrs.
यदि भेज दिया गया।

Stack Emission Monitoring Reports

TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240515-015-049
 ULR Code : TC5503 24 3 00006973 F
 Report Date : 20-05-2024
 Sample Receipt Date : 15-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Stack Emissions**
 Rated Capacity : 20 MW
 Type of Stack /Duct : Mild Steel
 Stack Height from Ground Level (m) : 30
 Internal Diameter of the Stack (m) : 3
 Type of Fuel used & Its Consumption : Natural Gas
 Operation Load During Monitoring : 16.2 MW



Laboratory Provided Information:

Date of Sampling : 15-05-2024
 Time of sampling : 02:15 PM
 Test Started On : 15-05-2024
 Test Completed On : 20-05-2024
 Purpose of Monitoring : To Check Pollution Load
 Name of the Emission Source Monitoring : Gas Turbine- 7
 Sampling Method : IS-11255 (P-7, P-3)& FL/SOP/ENV/D-02
 Stack Identification : Stack attached to Gas Turbine- 7
 Normal Operating Schedule : As per requirement
 Sampling Duration (min) : 26
 Number of Traverse Points : 32
 Flue Gas Temperature °C : 173.8
 Ambient Air Temperature °C : 40.1
 Flue Gas Velocity (m/s) : 30.07
 Volumetric Flow Rate (Nm³/h) : 510016.03

Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable Limit#	Test Method
Chemical Analysis					
1	Carbon Dioxide	% by Vol.	11.45	NA	IS:11255 (P-1)
2	Carbon Monoxide at 15% O ₂	mg/Nm ³	42.38	NA	FL/SOP/ENV-26
3	Oxides of Nitrogen (as NO ₂) at 15% O ₂	ppmv	49.72	100	IS:11255 (P-7)
4	Particulate matter at 15% O ₂	mg/Nm ³	43.56	NA	IS:11255 (P-1)
5	Sulphur Dioxide	mg/Nm ³	6.37	NA	IS:11255 (P-2)
6	Total Hydrocarbons	mg/Nm ³	4.65	NA	FL/SOP/GC-24

NA= Not Applicable

#As per MoEF&CC L.No. J-13012/71/2007-IA.II(T) Dated: February 05, 2008 issued to MSIL Manesar, Gurgaon.


 Reviewed By


 Authorised Signatory
 D Mathur, Director

Page 1 of 1

NOTE: The laboratory accepts the responsibility for content of report. The results contained in this test report pertains only to the sample tested not for the whole lot. Test report shall not be reproduced except in full, without written approval of the laboratory. This report is intended only for your guidance, and not for legal purposes, commercial decision, and for advertisement. Samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified. Any complaints about this report should be communicated in writing within 7 days of issue of this report. Total liability at FARELABS Pvt. Ltd. is limited to invoiced amount only. The recipient of this report is requested to kindly confirm with FARE LABS, the authenticity and genuineness of this report at report.confirmation@farelabs.com. FARE Labs is not responsible for any unconfirmed Test Report. If you have any complaint/feedback regarding the sample collection/testing/test report, please send an email at feedback@farelabs.com and call at +91 9599221227.
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*****End of Report*****

TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240515-016-055
 ULR Code : TC5503 24 3 00006979 F
 Report Date : 20-05-2024
 Sample Receipt Date : 15-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information: #

Nature of the Sample : **GT Noise**
 Rated Capacity : 20 MW

Laboratory Provided Information:

Date of Monitoring : 15-05-2024
 Time of Monitoring : 02:15 PM
 Name of the Emission Source Monitoring : Gas Turbine- 7
 Purpose of Monitoring : To Check Noise Level
 Instrument used : Sound Level Meter
 Test Protocol Followed : CPCB Guidelines



Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable limit#	Test Method
Physical Analysis					
1	Background Noise	dB(A)	65.2	NA	FL/SOP/ENV-08
2	Noise Level at 0.5 metre from the enclosure surface (Acoustic enclosure door closed)	dB(A)	74.1	NA	FL/SOP/ENV-08
3	Noise level at 0.5 metre from the enclosure surface (Acoustic enclosure door open)	dB(A)	99.9	NA	FL/SOP/ENV-08
4	Insertion Loss	dB(A)	25.8	NA	FL/SOP/ENV-08

NA= Not Applicable

#As per MoEF&CC L.No. J-13012/71/2007-IA.II(T), Dated: February 05, 2008 issued to MSIL Manesar, Gurgaon.

[Signature]
Reviewed By

[Signature]
Authorised Signatory
 D Mathur, Director

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*****End of Report*****

TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240515-015-050
 ULR Code : TC5503 24 3 00006974 F
 Report Date : 20-05-2024
 Sample Receipt Date : 15-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample	: Stack Emissions
Rated Capacity	: 20 MW
Type of Stack /Duct	: Mild Steel
Stack Height from Ground Level (m)	: 30
Internal Diameter of the Stack (m)	: 3
Type of Fuel used & Its Consumption	: Natural Gas
Operation Load During Monitoring	: 16.4 MW



Laboratory Provided Information:

Date of Sampling	: 15-05-2024
Time of sampling	: 02:55 PM
Test Started On	: 15-05-2024
Test Completed On	: 20-05-2024
Purpose of Monitoring	: To Check Pollution Load
Name of the Emission Source Monitoring	: Gas Turbine- 8
Sampling Method	: IS-11255 (P-7, P-3)& FL/SOP/ENV/D-02
Stack Identification	: Stack attached to Gas Turbine- 8
Normal Operating Schedule	: As per requirement
Sampling Duration (min)	: 27
Number of Traverse Points	: 32
Flue Gas Temperature °C	: 192.7
Ambient Air Temperature °C	: 39.2
Flue Gas Velocity (m/s)	: 30.69
Volumetric Flow Rate (Nm ³ /h)	: 499559.57

Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable Limit#	Test Method
Chemical Analysis					
1	Carbon Dioxide	% by Vol.	13.59	NA	IS:11255 (P-1)
2	Carbon Monoxide at 15% O ₂	mg/Nm ³	53.26	NA	FL/SOP/ENV-26
3	Oxides of Nitrogen (as NO ₂) at 15% O ₂	ppmv	56.18	100	IS:11255 (P-7)
4	Particulate matter at 15% O ₂	mg/Nm ³	48.76	NA	IS:11255 (P-1)
5	Sulphur Dioxide	mg/Nm ³	5.68	NA	IS:11255 (P-2)
6	Total Hydrocarbons	mg/Nm ³	5.18	NA	FL/SOP/GC-24

NA= Not Applicable

#As per MoEF&CC L.No. J-13012/71/2007-IA.II(T) Dated: February 05, 2008 issued to MSIL Manesar, Gurgaon.


 Reviewed By


 Authorised Signatory
 D Mathur, Director

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 #: The details are received from Customer on its own responsibility. FARE Labs Pvt. Ltd. does not Confirm about it and hence does not take any responsibility whatsoever.

*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant

Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240515-016-056

ULR Code : TC5503 24 3 00006980 F

Report Date : 20-05-2024

Sample Receipt Date : 15-05-2024

Account Manager : BD Team 7

Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample

: **GT Noise**

Rated Capacity

: 20 MW

Laboratory Provided Information:

Date of Monitoring

: 15-05-2024

Time of Monitoring

: 02:55 PM

Name of the Emission Source Monitoring

: Gas Turbine- 8

Purpose of Monitoring

: To Check Noise Level

Instrument used

: Sound Level Meter

Test Protocol Followed

: CPCB Guidelines



Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable limit#	Test Method
Physical Analysis					
1	Background Noise	dB(A)	64.7	NA	FL/SOP/ENV-08
2	Noise Level at 0.5 metre from the enclosure surface (Acoustic enclosure door closed)	dB(A)	73.3	NA	FL/SOP/ENV-08
3	Noise level at 0.5 metre from the enclosure surface (Acoustic enclosure door open)	dB(A)	99.2	NA	FL/SOP/ENV-08
4	Insertion Loss	dB(A)	25.9	NA	FL/SOP/ENV-08

NA= Not Applicable

#As per MoEF&CC and SEIAA L.No. SEIAA/HR/2012/237-A, Dated: August 30, 2012 issued to MSIL Manesar, Gurgaon.

Reviewed By

Authorised Signatory

D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240903-021-077
ULR Code : TC5503 24 3 00014023 F
Report Date : 09/09/2024
Sample Receipt Date : 03/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Stack Emissions**
Rated Capacity : 20 MW
Type of Stack /Duct : Mild Steel
Stack Height from Ground Level (m) : 30
Internal Diameter of the Stack (m) : 3
Type of Fuel used & its Consumption : Natural Gas
Operation Load During Monitoring : 16.1 MW



Laboratory Provided Information:

Date of Sampling : 03-09-2024
Time of sampling : 11:50 AM
Test Started On : 03-09-2024
Test Completed On : 09-09-2024
Purpose of Monitoring : To Check Pollution Load
Name of the Emission Source Monitoring : Gas Turbine- 7
Sampling Method : IS-11255 (P-7, P-3)& FL/SOP/ENV/D-02
Stack Identification : Stack attached to Gas Turbine- 7
Normal Operating Schedule : As per requirement
Sampling Duration (min) : 26
Number of Traverse Points : 32
Flue Gas Temperature °C : 178.6
Ambient Air Temperature °C : 30
Flue Gas Velocity (m/s) : 30.33
Volumetric Flow Rate (Nm³/h) : 508975.36

Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable Limit#	Test Method
Chemical Analysis					
1	Carbon Dioxide	% by Vol.	10.75	NA	IS:13270
2	Carbon Monoxide at 15% O ₂	mg/Nm ³	48.76	NA	FL/SOP/ENV-26
3	Oxides of Nitrogen (as NO ₂) at 15% O ₂	ppmv	38.14	100	IS:11255 (P-7)
4	Particulate matter at 15% O ₂	mg/Nm ³	36.28	NA	IS:11255(P-1)
5	Sulphur Dioxide	mg/Nm ³	7.14	NA	IS:11255 (P-2)
6	Total Hydrocarbons	mg/Nm ³	3.11	NA	FL/SOP/02-24

NA= Not Applicable

#As per MoEF&CC L.No. J-13012/71/2007-IA.II(T) Dated: February 05, 2008 issued to MSIL Manesar, Gurgaon.



Authorised Signatory
D Mathur, Director

Page 1 of 1

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TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240903-022-083
ULR Code : TC5503 24 3 00014029 F
Report Date : 09/09/2024
Sample Receipt Date : 03/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **GT Noise**
Rated Capacity : 20 MW

Laboratory Provided Information:

Date of Monitoring : 03-09-2024
Time of Monitoring : 11:50 AM
Name of the Emission Source Monitoring : Gas Turbine- 7
Purpose of Monitoring : To Check Noise Level
Instrument used : Sound Level Meter
Test Protocol Followed : CPCB Guidelines




Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable limit#	Test Method
Physical Analysis					
1	Background Noise	dB(A)	66.3	NA	FL/SOP/ENV-08
2	Noise Level at 0.5 metre from the enclosure surface (Acoustic enclosure door closed)	dB(A)	74.6	NA	FL/SOP/ENV-08
3	Noise level at 0.5 metre from the enclosure surface (Acoustic enclosure door open)	dB(A)	99.8	NA	FL/SOP/ENV-08
4	Insertion Loss	dB(A)	25.2	NA	FL/SOP/ENV-08

NA= Not Applicable

#As per MoEF&CC L.No. J-13012/71/2007-IA.II(T), Dated: February 05, 2008 issued to MSIL Manesar, Gurgaon.


Authorised Signatory
D Mathur, Director

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TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240903-021-078
ULR Code : TC5503 24 3 00014024 F
Report Date : 09/09/2024
Sample Receipt Date : 03/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Stack Emissions**
Rated Capacity : 20 MW
Type of Stack /Duct : Mild Steel
Stack Height from Ground Level (m) : 30
Internal Diameter of the Stack (m) : 3
Type of Fuel used & its Consumption : Natural Gas
Operation Load During Monitoring : 16.5 MW



Laboratory Provided Information:


Date of Sampling : 03-09-2024
Time of sampling : 12:20 PM
Test Started On : 03-09-2024
Test Completed On : 09-09-2024
Purpose of Monitoring : To Check Pollution Load
Name of the Emission Source Monitoring : Gas Turbine- 8
Sampling Method : IS-11255 (P-7, P-3)& FL/SOP/ENV/D-02
Stack Identification : Stack attached to Gas Turbine- 8
Normal Operating Schedule : As per requirement
Sampling Duration (min) : 27
Number of Traverse Points : 32
Flue Gas Temperature °C : 193.4
Ambient Air Temperature °C : 29.8
Flue Gas Velocity (m/s) : 30.82
Volumetric Flow Rate (Nm³/h) : 500834.75

Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable Limit#	Test Method
Chemical Analysis					
1	Carbon Dioxide	% by Vol.	12.37	NA	IS:13270
2	Carbon Monoxide at 15% O ₂	mg/Nm ³	55.18	NA	FL/SOP/ENV-26
3	Oxides of Nitrogen (as NO ₂) at 15% O ₂	ppmv	43.22	100	IS:11255 (P-7)
4	Particulate matter at 15% O ₂	mg/Nm ³	42.51	NA	IS:11255(P-1)
5	Sulphur Dioxide	mg/Nm ³	5.96	NA	IS:11255 (P-2)
6	Total Hydrocarbons	mg/Nm ³	4.06	NA	FL/SOP/02-24

NA= Not Applicable

#As per MoEF&CC L.No. J-13012/71/2007-IA.II(T) Dated: February 05, 2008 issued to MSIL Manesar, Gurgaon.


Authorised Signatory
D Mathur, Director

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*****End of Report*****

TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240903-022-084
ULR Code : TC5503 24 3 00014030 F
Report Date : 09/09/2024
Sample Receipt Date : 03/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **GT Noise**
Rated Capacity : 20 MW

Laboratory Provided Information:

Date of Monitoring : 03-09-2024
Time of Monitoring : 12:20 PM
Name of the Emission Source Monitoring : Gas Turbine- 8
Purpose of Monitoring : To Check Noise Level
Instrument used : Sound Level Meter
Test Protocol Followed : CPCB Guidelines



Analysis Report

S. No.	Parameters	Unit	Test Results	Allowable limit#	Test Method
Physical Analysis					
1	Background Noise	dB(A)	67.1	NA	FL/SOP/ENV-08
2	Noise Level at 0.5 metre from the enclosure surface (Acoustic enclosure door closed)	dB(A)	73.2	NA	FL/SOP/ENV-08
3	Noise level at 0.5 metre from the enclosure surface (Acoustic enclosure door open)	dB(A)	26.3	NA	FL/SOP/ENV-08
4	Insertion Loss	dB(A)	99.5	NA	FL/SOP/ENV-08

NA= Not Applicable

#As per MoEF&CC L.No. J-13012/71/2007-IA.II(T), Dated: February 05, 2008 issued to MSIL Manesar, Gurgaon.



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D Mathur, Director

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Effluent Treatment Plant Monitoring Reports

TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : W20240516-040-071
 ULR Code : TC5503 24 2 00017734 F
 Report Date : 21-05-2024
 Sample Receipt Date : 16-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature/Name of the Sample : **ETP Outlet Water**
 Location : ETP Plant

Laboratory Provided Information:

Sample Quantity & Packaging : 5Litre x 1, Pet Can
 Test started on : 16-05-2024
 Test Completed : 21-05-2024
 Method of Sampling : FL/SOP/B/D-1
 Date of Sampling : 16-05-2024
 Sample Collected by : Mr. Utkarsh (FARE LABS Representative)



Analysis Report

Physical Description : Clear water

S. No.	Parameters	Unit	Test Results	Standard Limits*	Test Method
Chemical Analysis					
1	Ammonical Nitrogen (as N)	mg/L	0.18	50	APHA 23 rd Ed.
2	Biochemical Oxygen Demand, @ 27°C For 3days	mg/L	7	30	IS: 3025 (P-44)
3	Chemical Oxygen Demand	mg/L	40	250	IS-3025 (P-58)
4	Colour	Hazen	20	#	IS:3025 (P-4)
5	Cyanide (as CN)	mg/L	BLQ, (LOO-0.03)	0.2	APHA 23 rd Ed.
6	Dissolved Phosphate (as P)	mg/L	1.48	5	APHA 23 rd Ed.
7	Fluoride (as F)	mg/L	0.08	2	APHA 23 rd Ed.
8	Free Ammonia(as NH ₃)	mg/L	BLQ, (LOO-0.01)	5	APHA 23 rd Ed.
9	Hexavalent Chromium (as Cr ⁺⁶)	mg/L	BLQ, (LOO-0.01)	0.1	IS:3025 (P-52)
10	Nitrate Nitrogen (as NO ₃ -N)	mg/L	5.68	10	IS-3025 (P-34)
11	Odour	--	Characteristic	#	IS:3025 (P-5)
12	Oil & Grease	mg/L	BLQ, (LOQ-2)	10	IS-3025 (P-39)
13	Phenolic Compound (as C ₆ H ₅ OH)	mg/L	BLQ, (LOQ-0.1)	1.0	APHA 23 rd Ed.
14	Sulphide (as S)	mg/L	BLQ, (LOO-0.005)	2	APHA 23 rd Ed.
15	Total kjeldahl Nitrogen (as NH ₃)	mg/L	0.28	100	APHA 23 rd Ed.
16	Temperature	°C	36.4	Shall not exceed 5 °C above the receiving water temperature.	APHA 23 rd Ed.
17	Total Residual Chlorine	mg/L	BLQ, (LOQ-0.1)	1	APHA 23 rd Ed.
18	Total Suspended Solids	mg/L	5	100	IS-3025 (P-17)
19	pH Value	--	7.67	5.5-9.0	IS-3025 (P-11)
Metal Analysis					

Naayla
 Reviewed By

[Signature]
 Authorised Signatory
 D. Mathur, Director

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TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : W20240516-040-071
 ULR Code : TC5503 24 2 00017734 F
 Report Date : 21-05-2024
 Sample Receipt Date : 16-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature/Name of the Sample : **ETP Outlet Water**
 Location : ETP Plant

Laboratory Provided Information:

Sample Quantity & Packaging : 5Litre x 1, Pet Can
 Test started on : 16-05-2024
 Test Completed : 21-05-2024
 Method of Sampling : FL/SOP/B/D-1
 Date of Sampling : 16-05-2024
 Sample Collected by : Mr. Utkarsh (FARE LABS Representative)



Analysis Report

S. No.	Parameters	Unit	Test Results	Standard Limits*	Test Method
Metal Analysis					
20	Arsenic (as As)	mg/L	BLQ, (LOO-0.01)	0.2	FL/SOP/ICPMS-23
21	Cadmium (as Cd)	mg/L	BLQ, (LOO-0.002)	2	FL/SOP/ICPMS-23
22	Copper (as Cu)	mg/L	BLQ, (LOO-0.01)	3	FL/SOP/ICPMS-23
23	Iron (as Fe)	mg/L	0.067	3	FL/SOP/ICPMS-23
24	Lead (as Pb)	mg/L	BLQ, (LOO-0.01)	0.1	FL/SOP/ICPMS-23
25	Manganese (as Mn)	mg/L	BLQ, (LOO-0.01)	2	FL/SOP/ICPMS-23
26	Mercury (as Hg)	mg/L	BLQ, (LOO-0.0005)	0.01	FL/SOP/ICPMS-23
27	Nickel (as Ni)	mg/L	BLQ, (LOO-0.01)	3	FL/SOP/ICPMS-23
28	Selenium (as Se)	mg/L	BLQ, (LOO-0.01)	0.05	FL/SOP/ICPMS-23
29	Total Chromium (as Cr)	mg/L	BLQ, (LOO-0.01)	2	FL/SOP/ICPMS-23
30	Vanadium (as V)	mg/L	BLQ, (LOO-0.01)	0.2	FL/SOP/ICPMS-23
31	Zinc (as Zn)	mg/L	BLQ, (LOO-0.01)	5	FL/SOP/ICPMS-23

Ambit
 Reviewed By

[Signature]
 Authorised Signatory
 D. Mathur, Director

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TEST REPORT

Issued to :
MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : W20240516-040-071
 ULR Code : TC5503 24 2 00017734 F
 Report Date : 21-05-2024
 Sample Receipt Date : 16-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature/Name of the Sample : **ETP Outlet Water**
 Location : ETP Plant

Laboratory Provided Information:

Sample Quantity & Packaging : 5Litre x 1, Pet Can
 Test started on : 16-05-2024
 Test Completed : 21-05-2024
 Method of Sampling : FL/SOP/B/D-1
 Date of Sampling : 16-05-2024
 Sample Collected by : Mr. Utkarsh (FARE LABS Representative)



Analysis Report

S. No.	Parameters	Unit	Test Results	HSPCB Limits***	Test Method
Biological					
1	Faecal coliform	MPN per 100ml	38	<100	APHA 23 rd Ed.

*(Schedule VI Of EPA, 1993) For Discharge into Surface Water

***HSPCB= Haryana state pollution Control board.

#All efforts should be made to remove colour and unpleasant odour as far as practicable

BLQ= Below Limit of Quantification; LOQ= Limit of Quantification.

Note: FL/SOP/ICPMS-23, Based on APHA 23rd Ed. 2017

Note: Specification of temperature applicable only in case of discharge of treated plant water in any inland surface water, Customer using this water for their irrigation purpose.

Opinion: The tested sample of water **conforms** to Standard/HSPCB Limits.

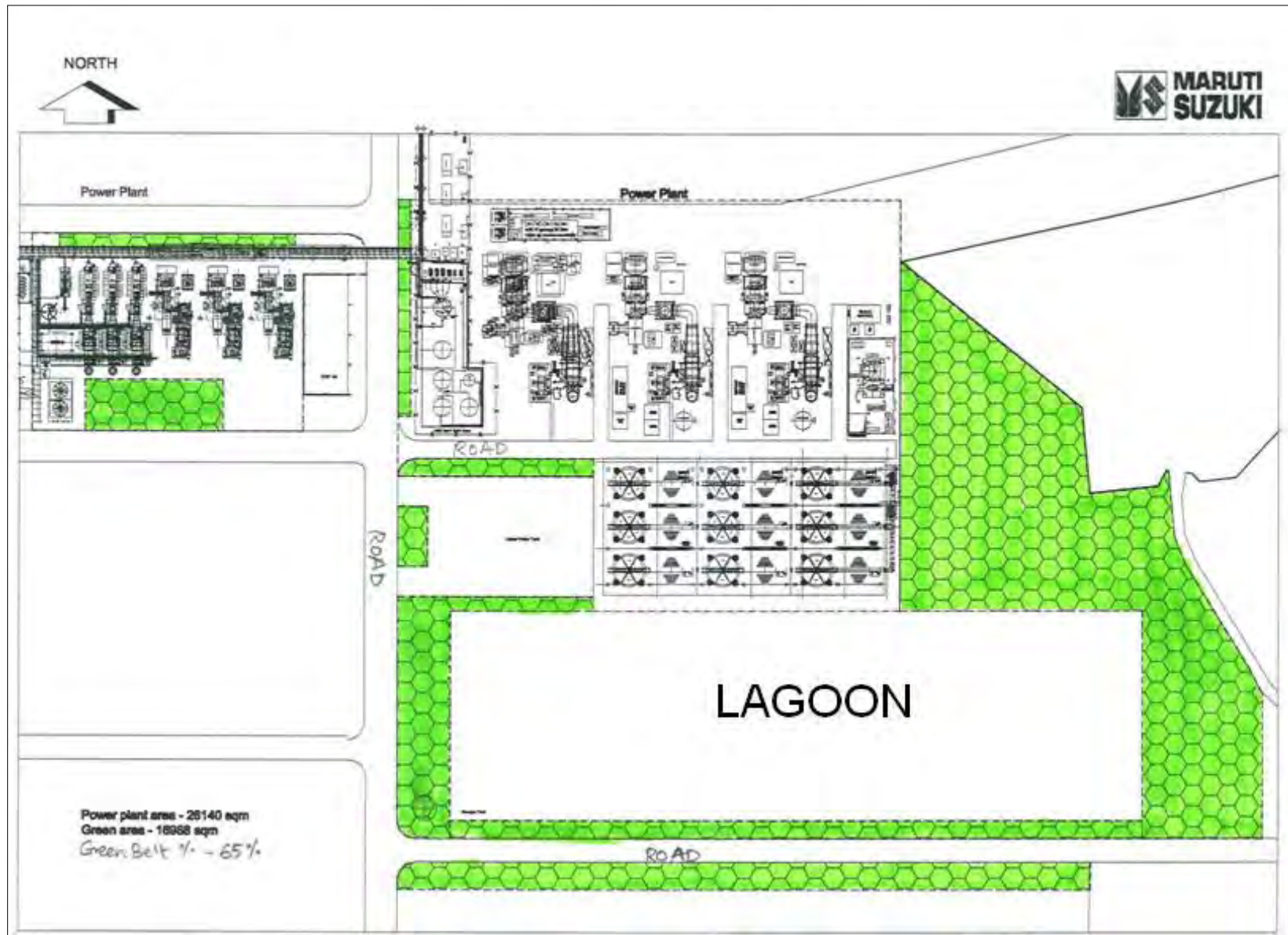
Reviewed By



Authorised Signatory

 Ms. Meenakshi Bakshi, Scientist-B

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MARUTI SUZUKI INDIA LIMITED, MANESAR, HARYANA
Green Area and RWH details



 Green Area

Ambient Air Quality Monitoring Reports

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240516-019-063
 ULR Code : TC5503 24 3 00007069 F
 Report Date : 21-05-2024
 Sample Receipt Date : 16-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
 Sampling Location : COP Lab Area

Laboratory Provided Information:

Date of Sampling : 15-05-2024
 Time of Sampling : 10:15 AM
 Test Started On : 16-05-2024
 Test Completed On : 21-05-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.18
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 35.6
 Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	81.36	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	143.29	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.59	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	23.74	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	59.43	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	13.28	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	7.19	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for PM₁₀ & PM_{2.5} values.


 Reviewed By


 Authorised Signatory
 D Mathur, Director

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240903-013-042
ULR Code : TC5503 24 3 00013988 F
Report Date : 09/09/2024
Sample Receipt Date : 03/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : COP Lab Area

Laboratory Provided Information:

Date of Sampling : 02-09-2024
Time of Sampling : 12:04 PM
Test Started On : 03-09-2024
Test Completed On : 09-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.18
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 33.1
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	42.36	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	76.48	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.74	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	21.34	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	21.56	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	12.37	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	8.54	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

NOTE: The laboratory accepts the responsibility for content of report. The results contained in this test report pertains only to the sample tested not for the whole lot. Test report shall not be reproduced except in full, without written approval of the laboratory. This report is intended only for your guidance, and not for legal purposes, commercial decision, and for advertisement. Samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified. Any complaints about this report should be communicated in writing within 7 days of issue of this report. Total liability at FARELABS Pvt. Ltd. is limited to invoiced amount only. The recipient of this report is requested to kindly confirm with FARE Labs, the authenticity and genuineness of this report at report.confirmation@farelabs.com. FARE Labs is not responsible for any unconfirmed Test Report. If you have any complaint/feedback regarding the sample collection/testing/test report, please send an email at feedback@farelabs.com and call at +91 9599221227.
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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240516-019-064
 ULR Code : TC5503 24 3 00007070 F
 Report Date : 21-05-2024
 Sample Receipt Date : 16-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
 Sampling Location : JV Gate Area

Laboratory Provided Information:

Date of Sampling : 15-05-2024
 Time of Sampling : 10:30 AM
 Test Started On : 16-05-2024
 Test Completed On : 21-05-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.16
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 37.2
 Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	73.25	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	132.54	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.62	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	18.65	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	62.35	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	16.52	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	6.32	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for **PM₁₀** & **PM_{2.5}** values.

Am
Reviewed By

D Mathur
Authorised Signatory
 D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240903-013-043
ULR Code : TC5503 24 3 00013989 F
Report Date : 09/09/2024
Sample Receipt Date : 03/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : JV Gate Area

Laboratory Provided Information:

Date of Sampling : 02-09-2024
Time of Sampling : 12:25 PM
Test Started On : 03-09-2024
Test Completed On : 09-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.18
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 33.8
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	49.84	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	82.79	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.82	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	17.54	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	19.73	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	15.69	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	7.23	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240517-012-019
 ULR Code : TC5503 24 3 00007136 F
 Report Date : 22-05-2024
 Sample Receipt Date : 17-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
 Sampling Location : **SND Gate**

Laboratory Provided Information:

Date of Sampling : 16-05-2024
 Time of Sampling : 11:20 AM
 Test Started On : 17-05-2024
 Test Completed On : 22-05-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.18
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 37.2
 Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	76.51	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	115.76	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.53	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	24.73	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	58.93	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	14.72	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	6.84	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(I)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for **PM₁₀** & **PM_{2.5}** values.


 Reviewed By


 Authorised Signatory
 D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant

Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240902-011-036
ULR Code : TC5503 24 3 00013924 F
Report Date : 07/09/2024
Sample Receipt Date : 02/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : SND Gate

Laboratory Provided Information:

Date of Sampling : 01-09-2024
Time of Sampling : 11:20 AM
Test Started On : 02-09-2024
Test Completed On : 07-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.2
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 32.1
Duration of Sampling : 24hrs




Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	52.16	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	78.49	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.78	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	18.74	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	19.42	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	12.55	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	8.76	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.


Authorised Signatory
D Mathur, Director

Page 1 of 1

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant
 Plot No-1, Phase 3A, IMT Manesar, Gurgaon
 Haryana, India

J.O. No. : ENV20240517-012-020
 ULR Code : TC5503 24 3 00007137 F
 Report Date : 22-05-2024
 Sample Receipt Date : 17-05-2024
 Account Manager : BD Team 7
 Credit Manager : Gulab/Septesh



Customer Provided Information: #

Nature of the Sample : **Ambient Air**
 Sampling Location : STP Area

Laboratory Provided Information:

Date of Sampling : 16-05-2024
 Time of Sampling : 11:50 AM
 Test Started On : 17-05-2024
 Test Completed On : 22-05-2024
 Purpose of Monitoring : To Assess the Pollution Load
 Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
 Average Flow Rate (m³/min) (PM₁₀) : 1.16
 Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
 Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
 Ambient Temperature (°C) : 36.5
 Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	83.29	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	131.68	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.65	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	18.49	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	61.25	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/GC-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	18.96	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	9.25	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009 Except for **PM₁₀** & **PM_{2.5}** values.

Amr
 Reviewed By

[Signature]
 Authorised Signatory
 D Mathur, Director

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*****End of Report*****

TEST REPORT

Issued to :

MSIL Manesar Vehicle Plant

Plot No-1, Phase 3A, IMT Manesar, Gurgaon
Haryana, India

J.O. No. : ENV20240902-011-037
ULR Code : TC5503 24 3 00013925 F
Report Date : 07/09/2024
Sample Receipt Date : 02/09/2024
Account Manager : BD Team 7
Credit Manager : Gulab/Septesh



Customer Provided Information:#

Nature of the Sample : **Ambient Air**
Sampling Location : STP Area

Laboratory Provided Information:

Date of Sampling : 01-09-2024
Time of Sampling : 11:45 AM
Test Started On : 02-09-2024
Test Completed On : 07-09-2024
Purpose of Monitoring : To Assess the Pollution Load
Method of Sampling : IS-5182 (P-14) & FL/SOP/ENV/D-01
Average Flow Rate (m³/min) (PM₁₀) : 1.18
Avg. Flow Rate of Air (lpm) (for Benzene) : 0.2
Avg. Flow Rate of Air (lpm) (PM_{2.5}) : 16.7
Ambient Temperature (°C) : 32.6
Duration of Sampling : 24hrs



Analysis Report

S. No.	Parameters	Unit	Test Results	NAAQS* (Maximum Allowable Limit)	Test Method
Chemical Analysis					
1	Particulate Matter (PM _{2.5})	µg/m ³	57.48	60	FL/SOP/ENV-01
2	Particulate Matter (PM ₁₀)	µg/m ³	86.53	100	IS:5182 (P-23)
3	Carbon Monoxide (CO)	mg/m ³	0.82	2	IS:5182 (P-10)
4	Ammonia (NH ₃)	µg/m ³	22.36	400	Methods of Air Sampling & Analysis (401)
5	Ozone (O ₃)	µg/m ³	23.64	100	IS:5182 (P-9)
6	Benzo (a) Pyrene (BaP)	ng/m ³	ND, [DL-0.5]	1	Methods of Air Sampling & Analysis (102)
7	Benzene (C ₆ H ₆)	µg/m ³	ND, [DL-0.5]	5	FL/SOP/02-46
8	Nitrogen Dioxide (NO ₂)	µg/m ³	16.89	80	IS:5182 (P-6)
9	Sulphur Dioxide (SO ₂)	µg/m ³	12.38	80	IS:5182 (P-2)
Heavy Metals					
10	Lead (as Pb)	µg/m ³	ND, [DL-0.5]	1	FL/SOP/ENV-18
11	Nickel (Ni)	ng/m ³	ND, [DL-0.5]	20	FL/SOP/ENV-18
12	Arsenic (As)	ng/m ³	ND, [DL-0.5]	6	FL/SOP/ENV-18

*NAAQS - National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)], [Part-II-sec.-3(i)] 16.11.2009

Inference: The tested sample of Ambient Air for above mentioned location conforms to NAAQS 2009.

Authorised Signatory

D Mathur, Director

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NOTE: The laboratory accepts the responsibility for content of report. The results contained in this test report pertains only to the sample tested not for the whole lot. Test report shall not be reproduced except in full, without written approval of the laboratory. This report is intended only for your guidance, and not for legal purposes, commercial decision, and for advertisement. Samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified. Any complaints about this report should be communicated in writing within 7 days of issue of this report. Total liability at FARELABS Pvt. Ltd. is limited to invoiced amount only. The recipient of this report is requested to kindly confirm with FARE Labs, the authenticity and genuineness of this report at report.confirmation@farelabs.com. FARE Labs is not responsible for any unconfirmed Test Report. If you have any complaint/feedback regarding the sample collection/testing/test report, please send an email at feedback@farelabs.com and call at +91 9599221227.
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*****End of Report*****

MARUTI SUZUKI INDIA LIMITED, MANESAR, GURGAON, HARYANA
Advertisement in News papers

Advertisement 1:

TRIBUNE 22 - Feb - 2008

PUBLIC NOTICE

 **MARUTI SUZUKI**

Maruti Suzuki India Limited
 11th Floor, Jeevan Prakash Building,
 25 Kasturba Gandhi Marg, New Delhi - 110001.
 Ph: 011-23316831. Fax: 011-23318754

Ministry of Environment and Forests has accorded environment clearance for the proposed expansion of thermal (captive) power plant at Maruti Suzuki India Limited, Manesar Plant. The copies of the clearance letters are available with the Haryana State Pollution Control Board and the same can also be seen on the website of Ministry of Environment & Forest at <http://envfor.nic.in>

Date: 22nd February, 2008. Maruti Suzuki India Limited

Advertisement 2:

AMAR UJALA 22-Feb-2008

सूचना

 **MARUTI SUZUKI**

Maruti Suzuki India Limited
 11th Floor, Jeevan Prakash Building,
 25 Kasturba Gandhi Marg, New Delhi - 110001.
 Ph: 011-23316831. Fax: 011-23318754

पर्यावरण एवं वन मंत्रालय द्वारा मारुति सुजुकी इण्डिया लिमिटेड के मानेसर प्लांट में पावर प्लांट के विस्तार हेतु पर्यावरणीय अनुमोदन प्रदान कर दिया गया है. अनुमोदन पत्र की प्रतियां हरियाणा राज्य प्रदूषण नियंत्रण बोर्ड के पास उपलब्ध है. अनुमोदन पत्र को पर्यावरण एवं वन मंत्रालय की वेबसाइट <http://envfor.nic.in> पर भी देखा जा सकता है.

दिनांक: 22 फरवरी, 2008 **मारुति सुजुकी इण्डिया लिमिटेड**