OIC

Ref. No: PSCL/U-III/EC-Compliance/23-24/249

Date: 05.12.2023

To,
The Deputy Director General of Forests
(Central), West Central Zone, Regional
Office, New Secretariate Building, Opp.
VCA Ground, Civil Lines, Nagpur-440 001

Sub: Half Yearly Environmental Clearance Compliance Report of M/s. Privi Speciality Chemicals Limited for Unit-III, Plot No.: A-3, MIDC area, Mahad, Dist.- Raigad.

Ref: EC-Environment Department, MS, SEIAA Letter – SIA/MH/IND3/70791/2014 Dated 24th Aug 2022

Dear Sir,

With reference to the above subject, we are submitting herewith the half yearly compliance report for the period of **Jun-2023 to Nov-2023**.

Compliance soft copies Compliance report submitting to Your mail Id eccompliance-mh@gov.in

We hope the above compliance report is in line with EC conditions.

Thanking You,

For Privi Speciality Chemicals Limited, Unit III

Authorized Signature

CC to:

1. The Regional Office MPCB-Raigad
2. The Sub Regional Officer, MPCB-Mahad

PRIVI SPECIALITY CHEMICALS LIMITED UNIT III MIDC MAHAD

05.12.23
Sub Regional Office
Maharashtra Pollution Control Board
C.F.C. Building, MIDC, Mahad,
Dist Raigad, Pin - 402306

Compliance Report

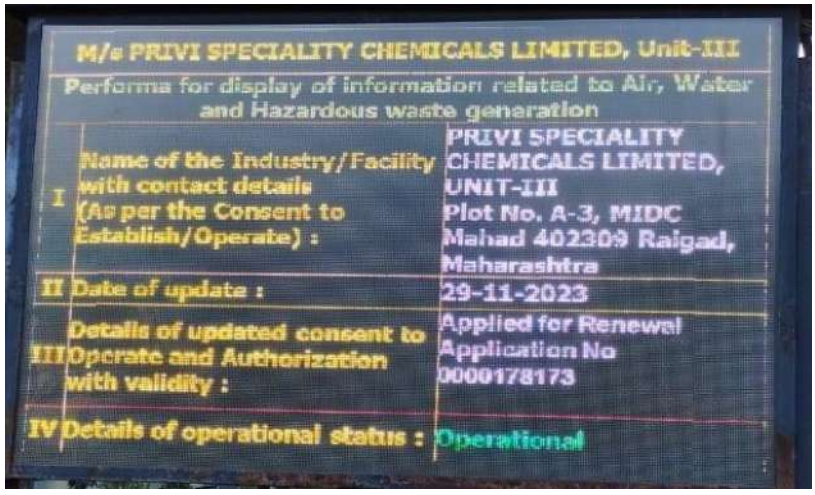
SIA/MH/IND3/70791/2014 dated. 24.08.2022	Reporting Date: 05.12.2023
Period – Jun -2023 to Nov -2023	

Environmental clearance compliance Report for proposed aroma chemical manufacturing in Unit-III on plot No.: A-3 MIDC, Mahad, Dist.: Raigad by M/s Privi Speciality Chemicals Ltd.

NO.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
1	PP to spend part CER funds for the conservation and protection of crocodiles observed in the study area in consultation with the competent Authority of Forest Department.	Rs. 5 lakhs fund allocated for conservation and protection of crocodiles at Savitri River, Mahad.
2	PP proposes to discharge 217 CMD of treated effluent to the CETP and 65 CMD will be recycled.	CETP Discharge 115 CMD and treated water Recycled 27 CMD
3	PP acquired additional area from the MIDC for the development of green belt. PP to complete green belt development with the provision of drip irrigation before the commissioning of the manufacturing activity.	Green belt developed in and around plot premises and plant species selected in consultation with Agriculture Dept. • Green Belt developed Within Premises- 3821 sq. mtr. (10.33%) • Green Belt developed outside plot within MIDC- 51577 sq. mtr. It includes our Unit I, II &III. 
4	PP to complete rain water harvesting facility before the commissioning of the manufacturing activity.	NO
5	PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.	Sliding gate provided.

	SEIAA CONDITIONS	COMPLIANCE STATUS
1	PP submitted MIDC plan dated 16.02.2022. As per the said plan total plot area of the project is 12000 m2 and green belt provided is 959.19 m2 i.e. 7.99 %. PP further submitted that, they have provided balance green belt area of 3050.00 m2 i.e.25.42 % offsite on a land having Gut No 72/9& 72/10, Village Amshet, tal.Mahad, Dist raigad which was taken on lease of 15 years by PP.	1) Green Belt developed outside plot within MIDC- 51577 sq. mtr 2) Amshet Plantation Area Covered = 4.5 Acres 18211 m2 **Total Geen belt = 69788 Sq. Meter**
2	PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peeple, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.	1. Project Name: Privi Lungs of Mahad 2. No of Trees Planted in Miyawaki Method For Bio Diversity: 31800 Trees 3. No of Trees Planted for Livelihood Of Local Farmers: 12065 Nos. 4. Total Trees Planted = 43865 Nos. 5. Total No of Spices Planted = 104 Varieties 6. Total Area Covered = 4.5 Acres 7. Chain Link Fencing Done for Safety 8. Borewell & Drip Lines Put for Watering & Care. 9. These 43000 No. Trees Will Give On Avg 1100 Tons Of Carbon Sequestration. 10. Project Completed on: Jan 2023 
3	PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.	Always reviewed requirement and complied.
4	PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.	Always reviewed requirement and complied.

5	PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.	Preventive maintenance of Pollution Control system (ETP, STP, DG set- acoustic enclosure) conducting on quarterly basis, Calibration of measurement devices/equipment conducting once in a six month. Power Back provision made for PCS by DG power. Daily monitoring efficiency of PCS. Preventive schedule attached as **Annexure**. **-II**
6	PP to ensure storage of chemicals as per the Manufacture, Storage, and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.	All chemicals are stored safely inside tanks and dyke wall provided.
7	PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).	PESO licence has been surrendered and there is no use of Solvent in the process.
8	PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.	DISH Factory Licence obtained Licence 10018276 valid up to 31.12.2023. Safety Audit Conducted in Oct. 2022.
9	PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.	In progress.

10	PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste, not less than 50 % of the total fuel requirement to the boiler.	Briquette option work out.
	GENERAL CONDITIONS	**COMPLIANCE STATUS**
I	The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at **http://parivesh.nic.in**	EC obtained advertisement published in Local Marathi newspaper Dainik Sagar on 29.08.2022 and in national English newspaper Indian Express on 15.09.2022.
II	The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1st June & 1st December of each calendar year.	1)Last half yearly compliance report submitted to SRO and RO MPCB, MoEF, Nagpur on 27.06.2023 for period Dec .-2022 to May -2022. and uploaded on Parvesh portal. 2) Six monthly compliance report submitted to MPCB, MoEF and copy uploaded on Company Website. Pollutions levels monitored, and levels displayed on Environment Information Board located outside Factory Main entrance gate. Daily board.  **Air, water, noise Monitoring attached Annexure III**

<table>
<tr><td>III</td><td>Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.</td><td>Yes. Separate funds of Rs. 445.5 Lakhs are
Earmarked for EMP.
Refer Annexure: IV .</td></tr>
<tr><td>IV</td><td>A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.</td><td>Separate environmental cell developed having well equipped laboratory to carry out the environmental management and monitoring function.
An environment management Cell is responsible for implementation of EMP
The Composition of the Environment Management Cell and responsibilities of various member are given below.
Environment Staff: Executive, Officer, Operators
Total = 15 No.
<table>
<tr><th>Sr. No.</th><th>Designation</th><th>Responsibility</th></tr>
<tr><td>1</td><td>GM</td><td>Overall responsibility for Environmental Issue of the plant, Environment policy and direction</td></tr>
<tr><td>2</td><td>EHS. Manager</td><td>Daily monitoring of ETP operation and environmental control system connected to EHS discipline.
Ensure the legal compliance communicated to regulatory authority.</td></tr>
<tr><td>3</td><td>EHS officer</td><td>Overall, in change in operation of environment management facilities
Ensure environmental monitoring as per SOP
Ensure record of generation, handling, storage, transportation, and disposal of Solid HW
Ensuring legal compliance by properly undertaking activities as laid down by various regulatory agencies from time to time and arranging awareness program among the workers.</td></tr>
</table></td></tr>
<tr><td>V</td><td>In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.</td><td>Noted and same is ensuring.</td></tr>
</table>

<table>
<tr><td>VI</td><td>PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.</td><td>CTE obtained and Part CTO obtained based on EC and Part CTO amalgamated with old consent.

CTO Applied for Renewal UAN : MPCB-CONSENT-0000178173 dated 03.08.2023</td></tr>
<tr><td>VII</td><td>PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.</td><td>Separate storm water drainage effluent drain provided and ensure there is no mixing of effluent and storm water.</td></tr>
<tr><td>VIII</td><td>Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.</td><td>Not Applicable</td></tr>
<tr><td>IX</td><td>The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment’s like ear muff and ear plug etc.</td><td>Acoustic enclosure provided to DG sets and Blowers; silencer & enclosures provided at high noise area. DG Noise level monitoring on quarterly. Ambient Noise levels monitored at 10 locations and observed average levels are Day time 68.22 dB(A) and nighttime, 62.35 dB(A), which conform standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.

(Monitoring done in the month of Nov-2023).
<table>
<tr><th rowspan="2">Sr. No.</th><th rowspan="2">Test Location</th><th colspan="2">Results</th><th rowspan="2">Unit</th></tr>
<tr><th>Daytime 06:00 am. to 10:00 pm.</th><th>Nighttime 10:00 pm. to 06:00 am.</th></tr>
<tr><td>01</td><td>Near main</td><td>64.5</td><td>58.5</td><td>dB(A)</td></tr>
<tr><td>02</td><td>Near Admin Department</td><td>59</td><td>58.0</td><td>dB(A)</td></tr>
<tr><td>03</td><td>Boiler Area</td><td>72.0</td><td>67.1</td><td>dB(A)</td></tr>
<tr><td>04</td><td>MEE Plant</td><td>68.0</td><td>63.5</td><td>dB(A)</td></tr>
<tr><td>05</td><td>Near Terpene</td><td>67.1</td><td>63.0</td><td>dB(A)</td></tr>
<tr><td>06</td><td>Near ETP V-Notch</td><td>70.4</td><td>62.0</td><td>dB(A)</td></tr>
<tr><td>07</td><td>Fabrication Workshop</td><td>69.9</td><td>63.1</td><td>dB(A)</td></tr>
<tr><td>08</td><td>Utility Area</td><td>73.5</td><td>64.5</td><td>dB(A)</td></tr>
<tr><td>09</td><td>ETP Area</td><td>67.2</td><td>62.0</td><td>dB(A)</td></tr>
<tr><td>10</td><td>DG Area</td><td>70.6</td><td>61.8</td><td>dB(A)</td></tr>
</table>
</td></tr>
</table>

X	Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.	We have provided certain safety measures as. • All Electrical Fittings – FLP confirming to Class C • Operations are controlled through DCS- with inbuilt safety interlocks. • Safety Relive valve, Rupture Disk, Breather Valve provided at respective tanks and reactors. • Pressure Reducing stations – with periodical checks • Manual Call Point provided at respective points. • Smoke and heat detectors provided at MCC, PCC and chemical storage area for early detections and warning. List attached as below.

Zone	Locations	MCP No.
1	ADMIN OFFICE MCP 01	1
1	QC LAB MCP 02	2
1	BSR AREA MCP3	3
2	PLANT GR FLOOR NEAR STAIRCASE MCP 04	4
2	PLANT 1ST FLOOR NEAR STAIRCASE MCP 05	5
2	PLANT 2ND FLOOR NEAR CONTROL ROOM MCP 06	6
2	PLANT 3RD FLOOR NEAR STAIRCASE MCP 07	7
3	TANK FARM AREA MCP 08	8
3	UNDERGROUND TANK GATE MCP 09	9
3	ETP & RO AREA MCP 10	10
3	BOILER AREA MCP 11	11
3	MEE plant MCP 15	15
4	UTILITY AREA MCP 12	12
4	PCC AREA MCP 13	13
	Main Gate Backside Security Cabin MCP 14	14

Zone	Location	Smoke/Heat Detector No.
1	BLENDING HEAT Detector 1	HD01
1	BLENDING HEAT Detector 2	HD02
1	BLENDING HEAT Detector 3	HD03
1	BLENDING HEAT Detector 4	HD04
1	BLENDING HEAT Detector 5	HD05
1	SD05 QC LAB 105	SD05
1	SD06 QC LAB 106	SD06
1	SD07 CONFERENCE HALL 107	SD07
1	SD08 ADMIN OFFICE 108	SD08

		2	SD09 DCS PANEL 109	SD09
		3	SD01 OLD MCC ETP 101	SD01
		3	SD02 OLD MCC ETP 102	SD02
		3	SD03 OLD MCC ETP 103	SD03
		3	SD04 RO PANEL ETP 104	SD04
		3	SD10 NEW BOILER CONTROL ROOM	SD10
		3	SD11 NEW BOILER CONTROL ROOM	SD11
		4	SD01 PCC AREA 101	SD01
		4	SD02 PCC AREA 102	SD02
		4	SD03 PCC AREA 103	SD03
		4	SD04 PCC AREA 104	SD04
		4	SD05 SMART MCC 105	SD05
		4	SD06 SMART MCC 106	SD06
		4	SD07 SMART MCC 107	SD07
		4	SD08 SMART MCC 108	SD08
		5	BSR GROUND FLOOR HEAT Detector 15	HD06
		5	BSR GROUND FLOOR HEAT Detector 16	HD07
		5	BSR GROUND FLOOR HEAT Detector 15	HD08
		5	BSR GROUND FLOOR HEAT Detector 16	HD09
		5	BSR GROUND FLOOR HEAT Detector 17	HD10
		5	BSR GROUND FLOOR HEAT Detector 18	HD11
		5	BSR GROUND FLOOR HEAT Detector 19	HD12
		5	BSR GROUND FLOOR HEAT Detector 20	HD13
		5	BSR TOP FLOOR HEAT Detector 21	HD14
		5	BSR TOP FLOOR HEAT Detector 22	HD15
		5	BSR TOP FLOOR HEAT Detector 23	HD16
		5	BSR TOP FLOOR HEAT Detector 24	HD17
		5	BSR TOP FLOOR HEAT Detector 25	HD18
		5	BSR TOP FLOOR HEAT Detector 26	HD19
		5	SD01 Engg Store	SD01
		5	SD02 Engg store	SD02

XI	PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.	Yes complied.
XII	The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.	Environmental Statement (Form V) for year 2022-2023 submitted online on MPCB web portal on 18.09.2023.
4	The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.	Not Applicable.
5	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.	---
6	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	--
7	Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.	Noted

8	In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.	Noted
9	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, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.	Complied
10	Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted

ENVIRONMENTAL CLEARANCE

PARIVESH

(Pro-Active and Responsive Facilitation by Interactive, and Virtuous Environmental Single-Window Hub)

Government of India
Ministry of Environment, Forest and Climate Change
(Issued by the State Environment Impact Assessment Authority(SEIAA), Maharashtra)

To,

The Exe. VP Operations

D.B. Rao

Privi House, A-71, TTC, Thane Belapur Road, Near Kopar Khairane Railway station, Navi Mumbai-400709 Privi House, A-71, TTC, Thane Belapur Road, Near Kopar Khairane Railway station, Navi Mumbai-400709 -402309

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/MH/IND3/70791/2014 dated 18 Jan 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22B021MH124381**
2.	**File No.**	SIA/MH/IND3/70791/2014
3.	**Project Type**	Expansion
4.	**Category**	B1
5.	**Project/Activity including Schedule No.**	5(f) Synthetic organic chemicals industry (dyes & dye intermediates; bulk
6.	**Name of Project**	Proposed expansion & addition of Aroma Chemical manufacturing facility by Privi Speciality Chemicals Ltd. (Unit III), Plot No. A- 3, MIDC Mahad, Mahad, Dist. Raigad, Maharashtra
7.	**Name of Company/Organization**	D.B. Rao
8.	**Location of Project**	Maharashtra
9.	**TOR Date**	01 Feb 2014

The project details along with terms and conditions are appended herewith from page no 2 onwards.

(e-signed)
Manisha Patankar Mhaiskar
Member Secretary
SEIAA - (Maharashtra)

Date: 24/08/2022

Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH.Please quote identification number in all future correspondence.

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STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

No. SIA/MH/IND3/70791/2014
Environment & Climate Change
Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s.Privi Speciality Chemicals Ltd. (Unit III),
Plot No. A- 3, MIDC Mahad, Mahad,
Dist. Raigad.

Subject : Environmental Clearance for proposed expansion & addition of Aroma Chemical manufacturing facility at Plot No. A- 3, MIDC Mahad, Mahad, Dist. Raigad by M/s.Privi Speciality Chemicals Ltd. (Unit III).

Reference : Application no. SIA/MH/IND3/70791/2014

This has reference to your communication on the above-mentioned subject. The proposal was considered by the SEAC-1 in its 205th & 222nd meeting under screening category 5(f) as per EIA Notification, 2006 and recommend to SEIAA. Proposal then considered in 244th (Day-3) meeting of State Level Environment Impact Assessment Authority (SEIAA).

2. Brief Information of the project submitted by you is as below:-

1.Name of Project	Environmental Clearance for Proposed expansion & addition of Aroma Chemical manufacturing facility at Plot No. A- 3, MIDC Mahad, Mahad, Dist. Raigad by Privi Speciality Chemicals Ltd (Unit III)
2.Type of institution	Private
3.Name of Project Proponent	Privi Speciality Chemicals Ltd (Unit III) (formerly known as Privi Organics India Limited)
4.Name of Consultant	Aditya Environmental Services Pvt Ltd
5.Type of project	Industrial project
6.New project/expansion in existing project /modernization/diversification in existing project	Expansion in existing facility
7.If expansion /diversification, whether environmental clearance has been obtained for existing project	Yes. SEAC-2013/CR-256/TC-2 dated 08.10.2015
8.Location of the project	Plot No A– 3, MIDC Mahad , Dist. Raigad

9.Taluka	Mahad
10.Village	Kamble Tarf
Correspondence Name:	Mr. S. B. Pathare
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	--
Locality:	--
City:	--
11.Whether in Corporation /Municipal / other area	MIDC Mahad
12.IOD/IOA/Concession/ Plan Approval Number	MIDC Mahad
	IOD/IOA/Concession/Plan Approval Number: MIDC plot plan approval- IFMS no. SPA/MHD/C-72074/of 2019 dated 17/08/2019
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Expansion is within existing manufacturing facility
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC plan approval- IFMS no. SPA/MHD/C-72074/of 2019 dated 17/08/2019
15.Total Plot Area (sq. m.)	12,000
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval: 17-08-2019
19.Total ground coverage (m2)	5738.94
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	370000000
22.Number of buildings & its configuration	

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Admin building	G+3	15
2	TOL Building	G+8	31
3	PCC Building	G+1	10
4	Utility Building	G	15
5	Warehouse	G	15

23.Number of tenants and shops	Not applicable
24.Number of expected residents /users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Min 6 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min 9 m
29.Existing structure (s) if any	Production plant, Utilities, storage tanks, material sheds, ETP, Admin bldg., etc.
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)

1	Products	Existing (TPA)	Proposed (TPA)	Total (TPA)
2	Terpineol & Pine oil	7860	1740	9600
3	A-Terpinyl acetate & Isomers	720	0	720
4	Dipentenes Total (Serial No 4 to 10)	--	--	--
5	Terpinolene	336	924	1260
6	1,4 Cineol,	124.8	343.2	468
7	1,8 Cineol (Eucalyptol)	76.8	211.2	288
8	Gamma Terpinene	48	132	180
9	Limonene	230.4	633.6	864
10	Terpene mixture 505	96	264	360
11	Mix of alcohol (Borneol L.P)	19.2	52.8	72
12	p-Cymene	508.8	319.2	828
13	Camphene	2400	4800	7200
14	Isobornyl acetate	900	0	900
15	Alpha & Gamma-Terpineol	0	1200	1200
16	Dipentenes 5059	0	6384	6384
17	Pine oil technical (Pine Oil 10)	0	936	936
18	A-Terpinyl acetate Technical	0	96	96
19	p-Cymene Technical	0	552	552
20	Camphene Technical	0	2028	2028
21	IBA Technical	0	468	468
22	Terpenes 5098	0	2676	2676
23	Phosphoric acid 30-35 OR	0	3636	3636
24	Sodium Phosphate	0	3084	3084
25	Acetic acid 25 OR	0	336	336
26	Sodium acetate	0	756	756
27	Acetic acid 85	0	324	324
28	Co-Generation (Electricity generation)	0	3 MW	3 MW

32.Total Water Requirement

	Source of water	MIDC
	Fresh water (CMD):	1061
	Recycled water -	65

Dry season:	**Flushing (CMD):**	
	Recycled water - Gardening (CMD):	10
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD):	1126
	Fire fighting - Underground watertank (CMD):	450 KL
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	MIDC
	Fresh water (CMD):	1041
	Recycled water - Flushing (CMD):	65
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD):	1106
	Fire fighting - Underground watertank (CMD):	450 KL
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimmingpool	Not applicable`	

(If any)									
33.Details of Total water consumed									
Particulars	**Consumption (CMD)**			**Loss (CMD)**			**Effluent (CMD)**		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	40	0	40	20	0	20	20	0	20
ndustrial Process	154	-29	125	44	-36	8	110	7	117
Cooling tower & thermopack	416	535	951	402	526	928	14	9	23
Gardening	10	0	10	10	0	10	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	1 to 7 m pre-monsoon (CGWA report)
	Size and no of RWH tank(s) and Quantity:	--
	Location of the RWH tank(s):	Within the plot
	Quantity of recharge pits:	--
	Size of recharge pits:	--
	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	--
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	**Natural water drainage pattern:**	Towards west of plot
	Quantity of storm water:	120 lit/second
	Size of SWD:	169.6 m2
	Sewage generation in KLD:	20 cmd

Sewage and Waste water	**STP technology:**	30 cmd - Skid mounted with automation
	Capacity of STP (CMD):	30 cmd
	Location & area of the STP:	Within plant
	Budgetary allocation (Capital cost):	--
	Budgetary allocation (O & M cost):	2.5 lacs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Minor quantity of construction waste
	Disposal of the construction waste debris:	Construction waste will be disposed off as per norms.
Waste generation in the operation Phase:	**Dry waste:**	Insulation Waste: 6 TPA, MS scrap: 60 TPA, Other waste (wood, Paper, glass, decontaminated plastic etc): 30TPA, Boiler ash: 288 MT/M, Canteen waste: 450 Kg/M, Bio-sludge: 180 TPA.
	Wet waste:	--
	Hazardous waste:	Spent oil, Waste contaminated with oil (cotton/gaskets/ insulation materials), Discarded containers/barrels/ liners/IBC/Carboys, Chemical sludge form waste water treatment, Sludge from concentration technique (MEE), Spent Solvent, Distillation Residue, Corrosive waste, Spent Carbon/Charcoal, Recovered Catalyst/Spent Catalyst, Process Waste, Resin, Filter pads/Bags
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	Approx 200 Kg/Month
	Others if any:	E waste: 0.6 TPA, Lead acid batteries: 60 Nos./A
Mode of Disposal of waste:	**Dry waste:**	Non Hazardous waste will be disposed off as per norms.
	Wet waste:	--
	Hazardous waste:	Hazardous waste will be disposed off as per Hazardous waste rule 2016.
	Biomedical waste (If applicable):	--

	STP Sludge (Dry sludge):	--
	Others if any:	--
Area requirement:	**Location(s):**	Within plot
	Area for the storage of waste & other material:	--
	Area for machinery:	--
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	--
	O & M cost:	--

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	4-6	7-7.5	6.5-9
2	COD	mg/L	3500-5000	< 250	250
3	BOD	mg/L	900-1800	< 100	100
4	NH4+ - N	mg/L	5-10	< 50	50
5	Oil & Grease	mg/L	15-20	< 10	10
6	TDS	mg/L	3000-4000	< 2100	2100

Amount of effluent generation (CMD):	262 cmd (Total effluent 262 cmd, out of which 140 cmd From Unit III & 122.24 cmd from Unit I)
Capacity of the ETP:	300 cmd ETP, 300 cmd RO, 72 cmd MEE, ATFD 15 cmd
Amount of treated effluent recycled :	65 cmd
Amount of water send to the CETP:	217.24 cmd (Combined discharge of Unit I & Unit III)
Membership of CETP (if require):	Yes
Note on ETP technology to be used	Oil & Grease trap > Equalization tank > Primary clarifier > Aeration tank >Secondary clarifier > Sand filter > Carbon filter > RO plant > RO reject to MEE>ATFD
Disposal of the ETP sludge	To CHWTSDF

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent oil	5.1	TPA	4.99	7.01	12	Sale to Authorized reprocessor

2	Waste contaminated with oil (cotton/ gaskets/ insulation materials)	5.2	TPA	0.12	2.28	2.5	CHWTSDF
3	Discarded containers /barrels/ liners /IBC /Carboys	33.1	Nos./ A	2400	1200	3600	Sale to authorized party after decontamination
4	Chemical sludge form waste water treatment	35.3	TPA	180	180	360	CHWTSDF
5	Sludge from concentration technique (MEE)	35.3	TPA	187.2	436.8	624	Sale to Authorized party/CHWTSDF
6	Distillation Residue	20.3	TPA	126	0	126	Sale to Authorized party/CHWTSDF/Burn as fuel in Oil fired Boiler
7	Skimmed oil	35.4	TPA	0	144	144	Sale to Authorized party/CHWTSDF
8	Recovered Catalyst/ Spent Catalyst	1.6	TPA	89.76	258.24	348	Sale to Authorised party/CHWTSDF
9	Process Waste	20.4	TPA	0	180	180	CHWTSDF
10	Filter pads/ Bags	36.2	TPA	0	120	120	CHWTSDF
11	E waste	--	TPA	0.3	0.7	1	Sale to Authorised party/CHWTSDF
12	Lead acid batteries	--	nos/A	60	0	60	Sale to Authorised party/CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	8 TPH Boiler	Coal: 20 TPD	1	42	0.9	180

2	16 TPH Boiler	Coal: 72 TPD	2	44.5	2.5	180
3	30 TPH Boiler (proposed)	Coal: 120 TPD	3	46	2	180
4	14 TPH Boiler (proposed)	FO/ Terpene Biofuel & Column Bottom mass: 32 MT/Day	4	44.5	1.2	160
5	750 KVA DG set	HSD: 250 Lit/Hr	5	11	0.15	185
6	380 KVA DG set	HSD: 70 Lit/Hr	6	11	0.15	185
7	1500 KVA DG set (Proposed)	HSD: 301 Lit/Hr	7	11	0.15	185

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	72 TPD	120 TPD	192 TPD
2	Furnace oil OR	0	32 TPD	32 TPD
3	Terpene Biofuel and	0	32 TPD	32 TPD
4	Column Bottom mass	0	4.4 TPD	4.4 TPD

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	40	0	40	20	0	20	20	0	20
Industrial Process	154	-29	125	44	-36	8	110	7	117
Cooling tower & thermopack	416	535	951	402	526	928	14	9	23
Gardening	10	0	10	10	0	10	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	1 to 7 m pre-monsoon (CGWA report)
	Size and no of RWH tank(s) and Quantity:	--
	Location of the RWH tank(s):	Within the plot
	Quantity of recharge pits:	--

	Size of recharge pits:	--
	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	--
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	**Natural water drainage pattern:**	Towards west of plot
	Quantity of storm water:	120 lit/second
	Size of SWD:	169.6 m2
Sewage and Waste water	**Sewage generation in KLD:**	20 cmd
	STP technology:	30 cmd - Skid mounted with automation
	Capacity of STP (CMD):	30 cmd
	Location & area of the STP:	Within plant
	Budgetary allocation (Capital cost):	--
	Budgetary allocation (O & M cost):	2.5 lacs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Minor quantity of construction waste
	Disposal of the construction waste debris:	Construction waste will be disposed off as per norms.
	Dry waste:	Insulation Waste: 6 TPA, MS scrap: 60 TPA, Other waste (wood, Paper, glass, decontaminated plastic etc): 30TPA, Boiler ash: 288 MT/M, Canteen waste: 450 Kg/M, Bio-sludge: 180 TPA.
	Wet waste:	--

Waste generation in the operation Phase:	**Hazardous waste:**	Spent oil, Waste contaminated with oil (cotton/gaskets/ insulation materials), Discarded containers/barrels/ liners/IBC/Carboys, Chemical sludge form waste water treatment, Sludge from concentration technique (MEE), Spent Solvent, Distillation Residue, Corrosive waste, Spent Carbon/Charcoal, Recovered Catalyst/Spent Catalyst, Process Waste, Resin, Filter pads/Bags
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	Approx 200 Kg/Month
	Others if any:	E waste: 0.6 TPA, Lead acid batteries: 60 Nos./A
Mode of Disposal of waste:	**Dry waste:**	Non Hazardous waste will be disposed off as per norms.
	Wet waste:	--
	Hazardous waste:	Hazardous waste will be disposed off as per Hazardous waste rule 2016.
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	--
	Others if any:	--
Area requirement:	**Location(s):**	Within plot
	Area for the storage of waste & other material:	--
	Area for machinery:	--
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	--
	O & M cost:	--

37.Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	4-6	7-7.5	6.5-9
2	COD	mg/L	3500-5000	< 250	250
3	BOD	mg/L	900-1800	< 100	100
4	NH4+ - N	mg/L	5-10	< 50	50
5	Oil & Grease	mg/L	15-20	< 10	10

6	TDS	mg/L	3000-4000	< 2100	2100
Amount of effluent generation (CMD):		262 cmd (Total effluent 262 cmd, out of which 140 cmd From Unit III & 122.24 cmd from Unit I)			
Capacity of the ETP:		300 cmd ETP, 300 cmd RO, 72 cmd MEE, ATFD 15 cmd			
Amount of treated effluent recycled :		65 cmd			
Amount of water send to the CETP:		217.24 cmd (Combined discharge of Unit I & Unit III)			
Membership of CETP (if require):		Yes			
Note on ETP technology to be used		Oil & Grease trap > Equalization tank > Primary clarifier > Aeration tank >Secondary clarifier > Sand filter > Carbon filter > RO plant > RO reject to MEE>ATFD			
Disposal of the ETP sludge		To CHWTSDF			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent oil	5.1	TPA	4.99	7.01	12	Sale to Authorized reprocessor
2	Waste contaminated with oil (cotton/gaskets/ insulation materials)	5.2	TPA	0.12	2.28	2.5	CHWTSDF
3	Discarded containers/barrels/ liners/IBC/ Carboys	33.1	Nos./A	2400	1200	3600	Sale to authorized party after decontaminatio n
4	Chemical sludge form waste water treatment	35.3	TPA	180	180	360	CHWTSDF
5	Sludge from concentration technique (MEE)	35.3	TPA	187.2	436.8	624	Sale to Authorized party/ CHWTSDF
6	Distillation Residue	20.3	TPA	126	0	126	Sale to Authorized party/CHWTS DF/Burn as fuel in Oil fired Boiler

7	Skimmed oil	35.4	TPA	0	144	144	Sale to Authorized party/ CHWTSDF
8	Recovered Catalyst/Spent Catalyst	1.6	TPA	89.76	258.24	348	Sale to Authorised party/ CHWTSDF
9	Process Waste	20.4	TPA	0	180	180	CHWTSDF
10	Filter pads/ Bags	36.2	TPA	0	120	120	CHWTSDF
11	E waste	--	TPA	0.3	0.7	1	Sale to Authorised party/ CHWTSDF
12	Lead acid batteries	--	nos/A	60	0	60	Sale to Authorised party/ CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	el Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	p. of Exhaust Gases
1	8 TPH Boiler	Coal: 20 TPD	1	42	0.9	180
2	16 TPH Boiler	Coal: 72 TPD	2	44.5	2.5	180
3	30 TPH Boiler (proposed)	Coal: 120 TPD	3	46	2	180
4	14 TPH Boiler (proposed)	FO/ Terpene Biofuel & Column Bottom mass: 32 MT/Day	4	44.5	1.2	160
5	750 KVA DG set	HSD: 250 Lit/Hr	5	11	0.15	185
6	380 KVA DG set	HSD: 70 Lit/Hr	6	11	0.15	185
7	1500 KVA DG set (Proposed)	HSD: 301 Lit/Hr	7	11	0.15	185

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Tot al
1	Coal	72 TPD	120 TPD	192 TPD
2	Furnace oil OR	0	32 TPD	32 TPD
3	Terpene Biofuel and	0	32 TPD	32 TPD
4	Column Bottom mass	0	4.4 TPD	4.4 TPD

5	HSD	320 Lit/Hr	301 Lit/Hr	621 Lit/Hr
41.Source of Fuel		from Nearby source		
42.Mode of Transportation of fuel to site		By road		

43.Green Belt Development	**Total RG area :**	341.37 sq. m (within plot) & 3619 sq. m (MIDC plot Space -8)
	No of trees to be cut:	Not applicable
	Number of trees to be planted :	2000 Nos (approx)
	List of proposed native trees :	Not applicable
	Timeline for completion of plantation :	Not applicable

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Jambul	Malabar plum	177	Fast Growing, Evergreen, Round
2	Kokam	Garcinia indica	200	Fast Growing, Evergreen, Oblong/ Round
3	Kaju	Anacardium occidentale	100	Fast Growing, Evergreen, Oblong
4	Mango	Mangifera indica	150	Fast Growing, Evergreen, Conical/ Rounded
5	Avala	Phyllanthus emblica	80	Fast Growing, Evergreen, Spreading
6	Fanas	Artocarpus heterophyllus	100	Fast Growing, Evergreen, Spreading
7	Chinch	Tamarindus indica	150	Fast Growing, Evergreen, Spreading
8	Kadunimb	Azadirachta indica	80	Fast Growing, Evergreen, Round/ oblong
9	Shisav	Dalbergia sissoo	50	Fast Growing, Evergreen, Round/ oblong
10	Tamhan	Lagerstroemia speciosa	60	Fast Growing, Evergreen, Round/ oblong
45.Total quantity of plants on ground				

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	--	--	--

47.Energy

Power requirement:	**Source of power supply:**	MSEDCL
	During Construction Phase: (Demand Load)	100 KVA
	DG set as Power back-up during construction phase	750 KVA
	During Operation phase (Connected load):	48628 KVA
	During Operation phase (Demand load):	48628 KVA
	Transformer:	---
	DG set as Power back-up during operation phase:	Existing-750 KVA, 380 KVA,Proposed- 1500 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	---

48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar energy generation	81 KW
2	Co-generation	3 MW

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution	Stack , ESP	Stack , ESP
Water Pollution	ETP,STP, RO , MEE	ATFD
Noise Pollution	Acoustics enclosure, silencer	----
Hazardous waste	Disposal to CHWTSDF, Sale to authorised party	----

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 324 Lakhs
	O & M cost:	Rs. 105 Lakhs

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Construction management	Site preparation, Material storage, C &D waste safe disposal, safe shelter for worker, Drinking water facility, PPE for worker, Sanitation facility	10

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution control	Form Utilities, DG Set	50	10
2	Environmental Monitoring	Regular Monitoring	15	5
3	Water pollution control	ETP,RO,MEE, STP	165	50
4	Hazardous waste & Solid Waste Management	Storage & Disposal	3	15
5	Green Belt Development	Development & Maintenance green belt	5	2
6	Occupational, Helath & Safety	PPE, Safety training	25	15
7	Solar energy	Solar panel installation	51	8

51.Storage of chemicals (Inflammable /explosive/hazardous/toxicsubstances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any	Consumption / Month in MT	Source of Supply	Means of transportation

				point of time in MT			
A-Pinene	---	1X150 KL, 1x30 KL	150 KL, 30 KL	150 KL, 30KL	--	From Nearby source	By Road
Caustic lye	---	1X20 KL	20 KL	20 KL	---	From Nearby source	By Road
Phosphoric acid	---	1X20 KL	20 KL	20 KL	---	From Nearby source	By Road
Acetic anhydride	---	1X20 KL	20 KL	20 KL	---	From Nearby source	By Road
Acetic acid	---	1X50 KL	50 KL	50 KL	---	From Nearby source	By Road
Terpenes	---	1X50 KL	50 KL	50 KL	---	From Nearby source	By Road
Dipentene/ Limonene	---	1X50 KL	50 KL	50 KL	---	From Nearby source	By Road
Pine Oil	---	2X100 KL, 3X30 KL	290 KL	290 KL	---	From Nearby source	By Road
A-Terpineol	---	2X50KL, 2X10 KL, 1X30 KL	150 KL	150 KL	---	From Nearby source	By Road
Camphene	---	1X100KL,1X20 KL	120 KL	120 KL	---	Nearby source	By Road
Dipentene	---	2X10 KL,1X20 KL	40 KL	40 KL	---	Nearby source	By Road
p-Cymene	-- -	1X30 KL	30 KL	30 KL	---	Nearby source	By Road
Isobornyl acetate (IBA)	-- -	1X30 KL	30 KL	30 KL	---	Nearby source	By Road
Camphene Crude	-- -	1X15 KL,1X100 KL	115 KL	115 KL	---	Nearby source	By Road

Terpineol Crude	-- -	1X5 KL,5X10 KL, 6X50KL, 1X100	455 KL	455 KL	---	Nearby source	By Road
Recovered A-Pinene	-- -	1X10 KL, 1X30 KL	40 KL	40 KL	---	Nearby source	By Road
Camphene MRD	-- -	2X20KL,2X5K L	50 KL	50 KL	---	Nearby source	By Road
5% Caustic solution	-- -	1X5KL	5 KL	5 KL	---	Nearby source	By Road
Pine Oil Crude	-- -	1X30KL	30 KL	30 KL	---	Nearby source	By Road

52.Any Other Information
No Information Available

53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	--
Parking details:	**Number and area of basement:**	--
	Number and area ofpodia:	--
	Total Parking area:	1361
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	--
	Number of 4-Wheelers as approved by competent authority:	--
	Public Transport:	--
	Width of all Internal roads (m):	6 m

	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5(f)-B
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	17-02-2018

3. The proposal has been considered by SEIAA in its 244th (Day-3) meeting and decided to accord Environment Clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implantation of following terms and conditions-

Specific Conditions:

SEAC Conditions-

1. PP to spend part CER funds for the conservation and protection of crocodiles observed in the study area in consultation with the competent Authority of Forest Department.
2. PP proposes to discharge 217 CMD of treated effluent to the CETP and 65 CMD will be recycled.
3. PP acquired additional area from the MIDC for the development of green belt. PP to complete green belt development with the provision of drip irrigation before the commissioning of the manufacturing activity.
4. PP to complete rain water harvesting facility before the commissioning of the manufacturing activity. 5) PP to provide sliding gate at entry and exit to achieve maximum turning radius of vehicle entering the site.

SEIAA Conditions

1. PP submitted MIDC plan dated 16.02.2022. As per the said plan total plot area of the project is 12000 m2 and green belt provided is 959.19 m2 i.e. 7.99 %. PP further submitted that, they have provided balance green belt area of 3050.00 m2 i.e.25.42 %

offsite on a land having Gut No 72/9& 72/10, Village Amshet, tal.Mahas, Dist raigad which was taken on lease of 15 years by PP.

2. PP to undertake Miyawaki plantation of native and indigenous trees such as Banyan, Peeple, Neem, Jamun and other suitable trees as per the Forest Department, Govt. of Maharashtra circular no SaVaVi-2019/C.R.3/F-11, dated 25th June, 2019. The said plantation to be completed in the first year of operation of Environmental Clearance under expert guidance of Miyawaki experts / arborist.
3. PP to strictly observe the Solid Waste Management Rules, 2016 as amended time to time.
4. PP to strictly observe the Hazardous and Other Wastes (Management & Trans boundary Movement) Rules, 2016 as amended time to time.
5. PP to identify all sources of fugitive air pollution on site and provide pollution control measures to mitigate pollution and meet the standard parameters stipulated in the Environment (Protection) Rules, 1986 amended time to time & Air (Prevention and Control of Pollution) Act, 1981 amended time to time.
6. PP to ensure storage of chemicals as per the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 amended time to time to ensure no release of any chemical to the atmosphere and leakage to the soil.
7. PP to ensure transport, storage, handling and use of the flammable/toxic chemicals as per conditions stipulated in license/approval of the Petroleum & Explosive Safety Organization (PESO).
8. PP to obtain approval and License from the Directorate of Industrial Health & Safety (DIHS) for proposed project and implement all condition stipulated therein. PP to carry out Safety Audit as stipulated in the Maharashtra Factories Rules, 1963 and ensure compliance of recommendation of the Audit.
9. PP to provide solar energy for illumination of Administrative Building, Street Lights and parking Area.
10. PP to ensure use of briquette /bio coal/ pellets/ or any such suitable product derived from scientific processing of appropriate stream of dry waste/agricultural waste, not less than 50 % of the total fuel requirement to the boiler.
11. PP to provide roof top Rain Water Harvesting facility.

General Conditions:

I. The project proponent shall advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in the Marathi language of the local concerned within seven days of issue of this letter, informing that the project has been accorded Environmental Clearance and copies of Environmental Clearance letter are available with the Maharashtra Pollution Control Board, website of the company and may also be seen at Website at http://parivesh.nic.in

II. The project Proponent shall upload the status of compliance (soft copies) of the conditions stipulated Environmental Clearance letter including monitoring data of air, water, soil, noise etc. on their website and shall update the same periodically. The half yearly compliance report shall simultaneously be submitted to the Maharashtra Pollution Controls Board, SEIAA and the Regional Office off MoEF&CC at Nagpur, on 1st June & 1sr December of each calendar year.

III. Separate fund shall be allocated for the implementation of Environmental Management Plan along with item wise break up and specific time line for its completion. The cost shall be included as part of the project cost. The funds earmarked for the environmental

protection measures shall not be diverted for other purpose and year-wise expenditure should be reported to the MPCB and the SEIAA.

IV. A separate Environmental Management Cell with qualified personnel shall be set up for implementation of the stipulated environmental safeguards.

V. In the event of failure of any pollution control equipment, the manufacturing activity shall be immediately stopped safely till the effective functioning of pollution control equipment's is regained.

VI. PP to strictly follow conditions stipulated in the Consent to Establish/Operate issued by the Maharashtra Pollution Control Board.

VII. PP to provide separate drains for storm water and effluent, and ensure that, the storm water drains are dry all the time and in no case the effluent shall mix with the storm water drain.

VIII. Periodic Monitoring of ground water in the study area as marked in the Environmental Impact Assessment Report shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.

IX. The overall noise levels in and around the factory premises shall be kept within the prescribed standard under the Environment (Protection) Act, 1986 and Rule, 1989 as amended from time to time by providing adequate noise control measures and protective equipment's like ear muff and ear plug etc.

X. Adequate safety measures shall be ensured to limit the risk zone within the factory premises. Leak detection system shall be installed for early detection and mitigation purpose.

XI. PP to scrupulously follow the requirements of Maharashtra Factories Act, 1948 & Rules 1963 as amended from time to time.

XII. The Environmental Statement for each financial year ending on 31st March in Form-V as is mandated to be submitted by the Project Proponent to the concerned Pollution Control Board as prescribed under the Environment (Protection) Rule, 1989 as amended from time to time, it shall also be put on the website of the company along with the status of the compliance of the conditions stipulated in the Environmental Clearance letter.

4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, amended time to time.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures

required, if any.

9. 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, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Manisha Patankar-Mhaiskar
(Member Secretary, SEIAA) 24/8/2022

Copy to:

1. Chairman, SEIAA (Maharashtra), Mumbai.
2. Secretary, MoEF & CC
3. IA- Division MOEF & CC
4. Member Secretary, Maharashtra Pollution Control Board, Mumbai.
5. Regional Office MoEF & CC, Nagpur
6. District Collector, Raigad.
7. Regional Officer, Maharashtra Pollution Control Board, Raigad.

Signature Not Verified
Digitally signed by Manisha Patankar Mhaiskar
Member Secretary
Date: 8/24/2022 6:14:39 AM

MAHARASHTRA POLLUTION CONTROL BOARD

Tel: 24010706/24010437
Fax: 24023516
Website: http://mpcb.gov.in
Email: cac-cell@mpcb.gov.in

Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

RED/L.S.I (R22)
No:- Format1.0/CC/UAN
No.0000147554/CO/2302002064

Date: 28/02/2023

To,
M/s.Privi Speciality Chemicals Limited (Unit-III)
A-3,MIDC Mahad
Raigad

Your Service is Our Duty

Sub: Grant of Renewal of consent with Amendment and Part CTO for expansion.

Ref:

1. Earlier Consent accorded by the Board vide no. Format 1.0/CC/UAN No.000095240/2011000998 dated 17.11.2020.
2. Earlier consent to Establish accorded by the Board Format1.0/CC/UAN No.0000113801/CE/2209000499
3. Minutes of the 28 th CC meeting held on 25.01.2023.
4. Environmental Clearance granted vide letter No.SIA/MH/IND3/70791/2014 dated 24.08.2022

Your application No.MPCB-CONSENT-0000147554 Dated 02.09.2022

For: grant of Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

1. **The consent to operate is granted for a period up to 30/09/2023**
2. **The capital investment of the project is Rs.95.2356 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 110.044Crs + Decrease in C.I. – Rs. 14.814Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	Co-Generation (Electricity generation)	0	0.55	0.55	MW
2	Terpineol & Pine oil	7860	0	7860	Ton/Y
3	A-Terpinyl acetate & Isomers	720	0	720	Ton/Y
4	Terpinolene Varieties from 20 to 99%	336	216	552	Ton/Y

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
5	1,4 Cineol	124.8	79.2	204	Ton/Y
6	1,8 Cineol (Eucalyptol)	76.8	43.2	120	Ton/Y
7	Gamma Terpinene	48	36	84	Ton/Y
8	Limonene	230.4	141.6	372	Ton/Y
9	Terpene mixture 505	96	60	156	Ton/Y
10	p-Cymene	28.8	19	47.8	Ton/Y
11	Mix of alcohol (Borneol L.P)	19.2	16.8	36	Ton/Y
12	p-Cymene	480	0	480	Ton/Y
13	Camphene	2400	3600	6000	Ton/Y
14	Isobornylacetate	900	0	900	Ton/Y
15	Alpha & Gamma Terpineol	0	400	400	Ton/Y
16	Dipentenes 5059	0	3240	3240	Ton/Y
17	Pine oil technical (Pine Oil 10)	0	374	374	Ton/Y
18	A-Terpinyl acetate Technical	0	94.32	94.32	Ton/Y
19	p-Cymene Technical	0	364.32	364.32	Ton/Y
20	Camphene Technical	0	1548	1548	Ton/Y
21	IBA Technical	0	463.5	463.5	Ton/Y
22	Terpenes 5098	0	2676	2676	Ton/Y
23	Hand Sanitizer	1200	0	1200	Ton/Y

4. **Conditions under Water (P&CP), 1974 Act for discharge of effluent:**

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	134	As per Schedule-I	59 CMD shall be recycle(unit III& Unit I)&217CMD shall be discharged to CETP
2.	Domestic effluent	20	As per Schedule-I	STP treated water mixed in ETP for further treatment

5. **Conditions under Air (P& CP) Act, 1981 for air emissions:**

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Boiler I	1	As per Schedule -II
2	S-3	DG set 750 KVA	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Insulation Waste	4	Ton/Y	Sale	Sale to authorized party
2	MS scrap	60	Ton/Y	Sale	Sale to authorized party
3	Other waste (wood, Paper, glass, decontaminated plastic etc)	30	Ton/Y	Sale	Sale to authorized party
4	Boiler ash	2361.6	Ton/Y	Sale	Sale to Brick Manufacturer
5	Canteen waste	5.4	Ton/Y	Composting	Used as mannure
6	Bio sludge	180	Ton/Y		As Fuel in boiler

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	28.1 Process Residue and wastes	60	Ton/Y	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
2	5.2 Wastes or residues containing oil	1	Ton/Y	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
3	MEE sludge	777	Ton/Y	Landfill	CHWTSDF
4	19.2 Spent catalyst	110.2	Ton/Y	Recycle*	Reuse/Recycle/Sale to Authorised party/CHWTSDF
5	Sodium Acetate)	756	Ton/Y	Sale/Reuse/Recycle	Sale to authorised party / CHWTSDF
6	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	3600	Nos./Y	Decontamination at site	Recycle/Reuse/Sale to authorised party after decontamination
7	Filter Bags/pads	75	Kg/Annum	Incineration	CHWTSDF
8	5.1 Used or spent oil	8	Ton/Y	Incineration	Sale to authorised party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
9	20.3 Distillation residues	126	Ton/Y	Incineration/ Recycle*	Sale to authorised party/Burn as fuel in oil fired boiler
10	Acetic acid 85 %)	324	Ton/Y	Recycle*	Reuse/Recycle/Sale to Authorised party
11	Acetic acid 25%	336	Ton/Y	Recycle	Reuse/Recycle/Sale to Authorised party
12	35.3 Chemical sludge from waste water treatment	309	Ton/Y	NA	CHWTSDF

Industry shall ensure disposal of Hazardous Waste to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016

8. **Conditions under Batteries (Management & Handling) Rules, 2001:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Lead Acid Batteries	60.00	Nos./Y	Sale to Authorized party

Specific Conditions for used Batteries:

i. The applicant shall ensure that used batteries are not disposed of in any manner other than by depositing with the authorized dealer/ manufacturer/ registered recycler/ importer/ re-conditioner or at the designated collection center.

ii. The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.

iii. Bulk consumers to their user units may auction used batteries to registered recyclers only.

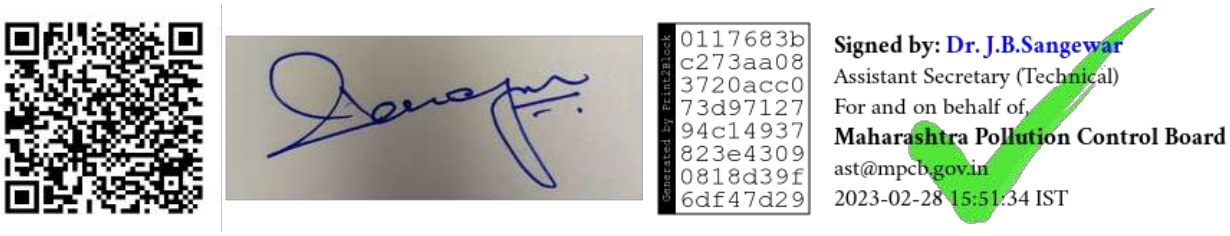
9. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E-Waste	0.40	Ton/Y	Sale to Authorized party

10. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
11. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
12. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH). The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDF, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 an keep proper manifest thereof.
13. The applicant shall not carry out any excess production or produce new products without Consent of the Board and without Environmental Clearance wherever it applicable.
14. This consent is issued pursuant to the decision of the 28 th Consent Committee Meeting held on 25.01.2023
15. This Consent is issued subject to an order passed or may be passed by Hon'ble NGT in application no. 1038/2018 in the matter of CEPI.

16. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No.SIA/MH/IND3/70791/2014 dated 24.08.2022
17. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
18. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent. (Operate/Renewal)
19. The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDF, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 an keep proper manifest thereof.

. This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.



Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	125000.00	TXN2209001093	13/09/2022	Online Payment

Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Mahad

- They are directed to ensure the compliance of the consent conditions.

2. Chief Accounts Officer, MPCB,Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] ETP with design capacity of 300 CMD followed by RO-300 CMD & MEE – 72 CMD & ATFD 15 KLD are provided to treat effluent generated from Unit – I & Unit – III. From Unit – I (Plot A- 7) 122.0 CMD , out of which 5 cmd High TDS effluent & 117 cmd low stream of Effluent will be transferred to Unit -III (Plot No A-3) through separate pipeline. High TDS effluent with Unit-III high TDS effluent & Treated in ATFD & Low Streams mixed with Unit=III low COD streams treated in ETP. Unit – III (Plot No. A-3) out of 154 cmd , 20 cmd treated in STP & treated effluent mixed in ETP & further treated. Out 134 cmd , 128 cmd low stream effluent treated along with U-I low stream effluent in ETP & 6 cmd High TDS effluent treated along with Unit-I high TDS effluent in ATFD. Total effluent i.e. total 276 CMD of effluent is treated in ETP, RO,MEE followed by ATFD, treated effluent 217 CMD shall be discharged to CETP & remaining 59 cmd recycled in cooling water of both Units (Unit-I & Unit-III). Industry should provide separate line for treated water to Unit-I for recycle of the same in cooling Tower.

   B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	6.0 -8.5
(2)	BOD (3 days 27°C)	30
(3)	COD	250
(4)	TSS	100
(5)	Oil & Grease	10
(6)	TDS	2100
(7)	Sulphate	1000
(8)	Chlorides	600
(9)	% Sodium	60%
(10)	Phenolic compound	05
(11)	TAN	50
(12)	Mercury	0.01
(13)	Arsenic	0.20
(14)	Chromium	0.10
(15)	Lead	0.10
(16)	Cynides	0.10
(17)	Sulphides	2.0
(18)	Phosphates	50.
(19)	Bio Assay test	90% survival of fish after first 96 hrs in 100 % effluent

Sr.No	Parameters	Standards (mg/l)

C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.

D] The treated effluent shall be recycled for to the maximum extent and remaining shall be discharged to CETP within premise after confirming above standards. In no case, effluent shall find its way for gardening / outside factory premises.

2. A] As per your application, primary treated sewage connected to Effluent Treatment Plant for further treatment & disposal.

B] Industry shall comply prescribed standards & disposal path as prescribed at Sr. No. 1 B & C of schedule I.

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification there of & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto.

4. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5. The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Act, 1974 and as amended, by installing water meters and other provisions as contained in the said act:

Sr. No.	Purpose for water consumed	Water consumption quantity (CMD)
1.	Industrial Cooling, spraying in mine pits or boiler feed	416.00
2.	Domestic purpose	40.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	110.02
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	10

6. The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance/ CREP guidelines.

SCHEDULE-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Boiler I (16 TPH)	ESP	42.00	Coal 3000 Kg/Hr	0.5	SO2	720 Kg/Day
						TPM	50 Mg/Nm^3
3	DG set 750 KVA	Acoustic Enclosure	11.00	HSD 250 Kg/Hr	1.0	SO2	120 Kg/Day
						TPM	50 Mg/Nm^3

Industry has giben staem to unit I (Plot A-7) from UNit -III Boilers

2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.
3. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
4. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No.	Consent (C2E/ C2O /C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	5,00,000/-	Existing to be extended	Towards Compliance of consent condition and O&M of PCS	Continuous	31.03.2024

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):
    1. **Collection of WEEE** - The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.

       Storage for disassembled parts: The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids. Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an area with an impermeable surface and a sealed drainage system.
    2. **Storage for other components and residues:**Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labelled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with team.
    3. **Balances :** WEEE Guidelines also requires that sites for handling of WEEE have “balances to measure the weight of the segregated waste’. The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.
    4. Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDF.

5. Ferrous and nonferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.
6. CFCS should be either reused or incinerated in common hazardous waste Incineration facilities at CHWTSDF.
7. Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.
8. PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDF.
9. Mercury recovery and lead recycling facilities from batteries fall under the Hazardous & Other Wastes (M & TM) Rules, 2016.
10. Existing environmental regulations for air; water; noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste recycling facility and later disposed in TSDF.
11. The industry shall maintain records of the e-waste purchased, processed in Form-2 and shall file annual returns of its activities of previous year in Form-3 as per Rules 11(9) & 13(3)(vii) of the E-Waste(M) Rules, 2016; on or before 30th day of June of every year.

6. The Energy source for lighting purpose shall preferably be LED based
7. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
8. Conditions for D.G. Set
   a) Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
   b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
   c) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
   d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
   e) A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
   f) D.G. Set shall be operated only in case of power failure.
   g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
   h) The applicant shall comply with the notification of MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
9. The applicant shall maintain good housekeeping.

10. The non-hazardous solid waste arising in the factory premises, sweepings, etc. be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal of solid waste.
11. The applicant shall not change or alter the quantity, quality, the rate of discharge, temperature or the mode of the effluent/emissions or hazardous wastes or control equipments provided for without previous written permission of the Board. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
12. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
13. The industry shall submit quarterly statement in respect of industries obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can downloaded from MPCB official site).
14. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
15. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
16. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
17. The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
18. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
19. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
20. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
21. The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
22. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be recycled /processed /reused /recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc. should go for that purpose, in order to reduce load on incineration and landfill site/environment.
23. An inspection book shall be opened and made available to the Board’s officers during their visit to the applicant.

24. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.
25. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
26. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
27. The industry should not cause any nuisance in surrounding area.
28. The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB (A) during day time and 70 dB (A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.
29. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
30. The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
31. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or an extension or addition thereto
32. The applicant shall install a separate meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
33. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
34. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions.
35. The firm shall submit to this office, the 30th day of September every year, the Environment Statement Report for the financial year ending 31st March in the prescribed FORM-V as per the provisions of Rule 14 of the Environment (Protection) (second Amendment) Rules, 1992.
36. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.

37. The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).
38. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
39. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.
40. You shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act, 1986 and industry specific standard under EP Rules 1986 which are available on MPCB website (www.mpcb.gov.in).
41. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
42. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year
43. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

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This certificate is digitally & electronically signed.

MASTER COPY

CONTROLLED COPY

ANNEXURE – I

	PRIVI SPECIALITY CHEMICALS LIMITED,UNIT-III	Page 1 of 3
	Department: HUMAN RESOURCE	Effective Date: 30-10-2022
	Housekeeping Checklist - Daily Cleaning	

Month: October 2023

Sr no.	Points to be checked	Dates: 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1	**Daily Cleaning**																															
a	Roads	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
b	Dustbin	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
c	Tank farm area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
d	Offices cloak rooms	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
e	Toilets	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
f	Visitor Room/ Security office	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	**Canteen - Daily cleaning**																															
a	Table, chairs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

	Prepared by	Reviewed by		Approved by
Name	Mr. Nitin B. Dalavi	Mr. V. H. Malusare	Mr. Balasaheb Jadhav	Mrs. Vinita Mane
Designation	Sr. Executive - HR	Executive - QA	DGM - HR	Sr. Manager QA
Signature	N B Dalavi			
Date	18/10/2022	19/10/2022	19/10/2022	19/10/2022

Format No. : HR004–FN01–03

0010

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ANNEXURE – I

	PRIVI SPECIALITY CHEMICALS LIMITED,UNIT-III	Page 2 of 3
	Department: HUMAN RESOURCE	Effective Date: 30-10-2022
	Housekeeping Checklist - Daily Cleaning	

b	Floor sweeping	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
c	Floor mopping	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
d	Dustbin cleaning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Checked by Housekeeping Supervisor																																
Verified by Admin		01/10/23	02/10/23	03/10/23	04/10/23	05/10/23	06/10/23	07/10/23	08/10/23	09/10/23	10/10/23	11/10/23	12/10/23	13/10/23	14/10/23	16/10/23	16/10/23	17/10/23	18/10/23	19/10/23	20/10/23	21/10/23	23/10/2023	23/10/2023	24/10/23	25/10/23	26/10/23	27/10/23	28/10/23	29/10/23	30/10/23	31/10/23

JOB ANALYSIS: Completed [√] **Not completed** [X]

Checked By: 31.10.23

REMARKS:

	Prepared by	Reviewed by		Approved by
Name	Mr. Nitin B. Dalavi	Mr. V. H. Malusare	Mr. Balasaheb Jadhav	Mrs. Vinita Mane
Designation	Sr. Executive - HR	Executive - QA	DGM - HR	Sr. Manager QA
Signature				
Date	18/10/2022	19/10/2022	19/10/22	19/10/2022

REVENTIVE MAINTENACE SCHEDULE

Sr. No	Tag No	Frequency	June		July		August		September		October		November	
			Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
1	FHMP	M	1	1	1	1	1	1	1	1	1	1	1	1
2	FHJP	M	2	2	2	2	2	2	2	2	2	2	2	2
3	FHDP	M	3	3	3	3	3	3	3	3	3	3	3	3
4	PK 121	Q	14	14	–	–	–	–	14	15	–	–	–	–
5	PK 162	Q	15	15	–	–	–	–	15	15	–	–	–	–
6	PP 1601	Q	16	16	–	–	–	–	16	16	–	–	–	`
7	PP 1602	Q	17	17	–	–	–	–	17	17	–	–	–	–
8	PK 195	Q	18	18	–	–	–	–	18	18	–	–	–	–
9	SWP-1	Q	19	19	–	–	–	–	19	20	–	–	–	–
10	FP-1 A	Q	20	20	–	–	–	–	20	20	–	–	–	–
11	FP-1 B	Q	21	21	–	–	–	–	21	23	–	–	–	–
12	TP-1	Q	22	22	–	–	–	–	22	23	–	–	–	–
13	RP-1	Q	23	23	–	–	–	–	23	24	–	–	–	–
14	RP-2	Q	24	24	–	–	–	–	24	24	–	–	–	–
15	PP	Q	25	25	–	–	–	–	25	25	–	–	–	–
16	PCP	Q	26	26	–	–	–	–	26	26	–	–	–	–
17	AGT-2	Q	–	–	14	15	–	–	–	–	14	14	–	–
18	BL	Q	–	–	15	15	–	–	–	–	15	15	–	–
19	FP-2 A	Q	–	–	16	17	–	–	–	–	16	16	–	–
20	FP-2 B	Q	–	–	17	18	–	–	–	–	17	17	–	–
21	P-BW-A	Q	–	–	18	18	–	–	–	–	18	18	–	–
22	P-BW-B	Q	–	–	19	19	–	–	–	–	19	19	–	–
23	P-OS-A	Q	–	–	20	20	–	–	–	–	20	20	–	–
24	P-OS-B	Q	–	–	21	22	–	–	–	–	21	22	–	–
25	ARB-I	Q	–	–	22	23	–	–	–	–	22	23	–	–
26	ARB-II	Q	–	–	23	23	–	–	–	–	23	23	–	–
27	ARB-III	Q	–	–	24	24	–	–	–	–	24	26	–	–
28	ARB-IV	Q	–	–	25	26	–	–	–	–	25	26	–	–
29	ARB-V	Q	–	–	26	26	–	–	–	–	26	27	–	–
30	PK 131	Q	–	–	–	–	27	29	–	–	–	–	27	27
31	AGT-1	HY	5	5	–	–	–	–	–	–	–	–	–	–
32	WV	HY	–	–	2	2	–	–	–	–	–	–	–	–
33	P-TH-B	HY	–	–	3	3	–	–	–	–	–	–	–	–
34	P-FS-A	HY	–	–	4	4	–	–	–	–	–	–	–	–
35	P-EQ-A	HY	–	–	5	5	–	–	–	–	–	–	–	–
36	P-EQ-B	HY	–	–	6	6	–	–	–	–	–	–	–	–
37	G- RT	HY	–	–	7	7	–	–	–	–	–	–	–	–
38	G-SCR-A	HY	–	–	8	8	–	–	–	–	–	–	–	–
39	G-SCR-B	HY	–	–	9	9	–	–	–	–	–	–	–	–
40	P-FS-B	HY	–	–	10	10	–	–	–	–	–	–	–	–

41	P- WV	HY	–	–	11	11	–	–	–	–	–	–	–	–
42	P-TH-A	HY	–	–	12	12	–	–	–	–	–	–	–	–
43	P-TH-C	HY	–	–	14	14	–	–	–	–	–	–	–	–

PRIVI SPECIALITY CHEMICALS INDIA LIMITED UNIT-III

Doc No: M/FO/M17A

PREVENTIVE MAINTENACE SCHEDULE OF ESP AND DUST COLLECTOR PM (2023-24)

Boiler No.		Planned PM Schedule	Jun-23	Jul-23	Aug-23	Sep-23	Oct-23	Nov-23
MR/17731	PLANNED	Monthly	02-Jun-23	01-Jul-23	01-Aug-23	01-Sep-23	01-Oct-23	01-Nov-23
	ACTUAL		05-Jun-23	01-Jul-23	01-Aug-23	31-Aug-23	01-Oct-23	31-Oct-23
ESP	PLANNED	Half yearly	-	-	-	-	01-Oct-23	
	ACTUAL		-	-	-	-	01-Oct-23	

PRIVI ORGANICS INDIA LIMITED UNIT-III

PREVENTIVE MAINTENANCE OF U-III DG					
S.N.	TAG.N0.	PLANT	Equipment	PLANNED DATE	COMPLETED DATE
1	DG-01	DG Room	Diesel Generator	30-06-2023	30-06-2023
2	DG-01	DG Room	Diesel Generator	30-09-2023	30-09-2023
3	DG-01	DG Room	Diesel Generator	30-12-2023	Planned

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Enviro Creators Foundation
119, High Tech Ind. Estate, Caves Road, Jogeshwari East, Mumbai 400 060. INDIA.
Email: plant@forestcreators.com / Website: www.forestcreators.com

Dt: 30 March 2023

To,

Privi Speciality Chemicals Limited
A - 71 , TTC, Thane-Belapur Road, Kopar Khairane,
Navi Mumbai, Maharashtra 400709

Completion Letter For Miyawaki Combo Bio Diversity & Livelihood Plantation At Amshet-Mahad Agri Land

Hello & Namaste,

We Are Happy To Inform You That We Have Completed The Above Project Details Of The Same As Below:

1. Project Name: Privi Lungs Of Mahad
2. No Of Trees Planted In Miyawaki Method For Bio Diversity: 31800 Trees
3. No Of Trees Planted For Livelihood Of Local Farmers : 12065
4. Total Trees Planted = 43865
5. Total No Of Spices Planted = 104 Varieties
6. Total Area Covered = 4.5 Acres
7. Chain Link Fencing Done For Safety
8. Borewell & Drip Lines Put For Watering & Care.
9. These 43000 Trees Will Give On Avg 1100 Tons Of Carbon Sequesteration.
10. Project Completed By: Jan 2023

Attaching Tree List & Species Along With This

Thanking You

Forest Creators Foundation
Dipen Jain/Rk Nair

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Mahad tree list combined				
Sr. No.	**Tree Name**	**Botnical Name**	**Miyawaki**	**Livelihood**
1	Krishna Tulsi	Holy basil	50	
2	Rama Tulsi	Holy basil	50	
3	Jacarand	Jacaranda Mimosifolia	500	
4	Rudraksh	Elaeocarpur Ganitrus	5	
5	Badam	Terminalia Catappa	700	
6	Curry Leaf	Murraya Koenigii		200
7	Curry Jack	Artocarpus		25
8	Indian Cherry	Malpighia Emarginata	700	
9	Terminalia Melliptica	Terminalia elliptica	100	
10	Spitodia(0)	Spathodea Campanulata	450	
11	Spitodia (Y)	Spathodea Campanulata	450	
12	Cassia Semya	Cassia Semya	600	
13	Anjeer	Ficus Carica		100
14	Milingtonia	Millingtonia hortensis		500
15	Doli Chandan	Unguis- Cati	500	
16	Kaharjura	Phoenix Dactylifera		25
17	Sinduga	Bixa Orellana	500	
18	Dabba	Feronia Limonia		500
19	Sufari pan	Areca Catechu	25	
20	Usiri Amla	Phyllanthus Emblica	300	
21	Spanish Cherry	Mimusops elengi	200	
22	saru	Causerina sarve	100	
23	Silver Oak	Grevillea robusta	500	

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24	Rosewood	Dalbergia sissoo	500	
25	Amla Small	Phyllanthus Emblica	50	
26	Red Sandal	Pterocarpus santalinus		500
27	Jungli Jilebi	Pithecellobium dulce	500	
28	Mango	Mangifera indica	500	
29	Bignonia megapotamica	Bignonia megapotamica	500	
30	Champa Gold	Michelia	200	
31	Lemon Grass	Cymbopogon		100
32	Palash Modgana	Butea monosperma	50	
33	Laxman Fal	Annona Muricata		20
34	Apple Bora	Ziziphus Mauritiana		25
35	Calophylum Ponna	Calophylum Ponna	25	
36	Tabibiya Rose orange	Tabebuia rosea	250	
37	Tabibiya Rose pink	Tabebuia rosea	250	
38	Umbrav Medi	Ficus Racemosa	1000	
39	Pepal	Ficus Religiosa	100	
40	Wood Apple	Limonia acidissima	500	
41	China Badam	Terminalia Catappa	500	
42	Naga Linga Pushpa	Couroupita Guianensis	100	
43	Cassia Fistula	Cassia fistula	50	
44	Rama Fal	Annona reticulata		500
45	Lime Gaja	*Cannabis sativa*		1000

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46	Lime kanji	Millettia pinnata		500
47	Lime Balaji	Citrus Limon		500
48	Sita Fal	Annona reticulata	500	
49	Bohania (W)	Bauhinia	1000	
50	Bohania Purple	Bauhinia	1000	
51	Temple Tree	Plumeria Rubra	100	
52	Kaju	Anacardium Occidentale	1000	
53	shami	Prosopis cineraria	100	
54	bombax	Bombax ceiba	500	
55	black wood	Acacia melanoxylon	500	
56	Bird Cherry	Prunu padus	500	
57	Champa yellow	Michelia	200	
58	Karanj/ Kanji	Millettia pinnata	1000	
59	Arjun	Terminalia arjuna	1200	
60	Black Jamun / Java Plum	Syzygium cumini	1000	
61	Shisham	Dalbargia sisoo	1000	
62	Jack Fruit	Artocarpus heterophyllus		500
63	Mahogony	Swietenia	1025	
64	Kanchan	Bauhinia variegata	500	
65	Lemon	Citrus Limon		1000
66	Amla	Phyllanthus Emblica	500	
67	Imli	Tamarindus indica	500	
68	Bamboo	Bambusoideae		2000
69	Tikoma	Trumpetbushes	500	
70	Pepal	Ficus Religiosa	50	

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71	Banyan Tree	Ficus Benghalensis	50	
72	Ashoka	Saraca asoca	50	
73	Pakariya	Neolamarckia cadamba	500	
74	Parijat	Nyctanthes arbor-tristis	500	
75	Kadamb	Anthocephalus cadamba	500	
76	Bakain	Ficus benghalensis		500
77	Neem	Azadirachta indica	500	
78	Saptaparni/ alistonia	Alstonia scholaris	500	
79	GUDAL	Hibiscus	500	
80	Peru / Gauva	Psidium guajava		500
81	Kaner	Cascabela thevetia	500	
82	Kadi Patta	Murraya Koenigii		500
83	Pomogranate / anar	Punica Granatum		500
84	Mahoda/mahuva	Madhuca longifolia	700	
85	Billi Patta	Eagle murmelos	300	
86	Kronda	Viburnum trilobum	500	
87	Kamini	Murraya Paniculata	500	
88	Sahtut	Morus Alba	500	
89	Amlatas (Garmala)	Cassia Fistula	500	
90	lemon grass	Cymbopogon		50
91	Mango Dasheri	Mangifera Indica		500
92	Chickoo	Manilkara Zapota		100
93	Sag	Amaranthus Viridis		1000
94	popular	Populus	500	
95	cassia		500	

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GRAFTED			Miyawaki	Livelihood
1	Mango	Mangifera Indica		200
2	Coconut 1	cocos nucifera		100
3	Coconut 2	cocos nucifera		100
4	Sapota	Manilkara Zapota		100
5	Guvava	Psidium guajava		100
6	Santra	Citrus x sinensis		100
7	mausambi	Citrus Limetta		100
8	anjeer	Ficus carica		100
9	cashew	Anacardium Occidentale		100
	TOTAL		**31080**	**12645**

Annexure-IV

Privi Speciality Chemicals Ltd. Unit-III

Details of Funds for Environment Protection

S. No.	Pollution Control Measures	Cost Per Annum (Lakhs)
1	Green Belt development	5.0
2	Solid waste management	50.0
3	Environment Monitoring (Monitoring charges for air, water, noise)	4.0
4	Occupational Health & Hygiene (Includes cost of medical checkup, PPE & first aid kit and PPE, first aid facility, safe drinking water plant & sanitation measures, EHS training & awareness program)	45.0
5	Air Pollution Control Measures	30.0
6	Water Pollution Control Measures	300.0
8	Rain Water Harvesting	0.5
9	CSR /CER Activity	10.0
Total		**445.5**

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part, MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
■ Tel.: 8308805200 / 8446000118, ■ E-mail : info@aavanira.com, ■ Web : www.aavanira.com
CIN NO. U74900PN2010PTC137544

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Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India
ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyse*

ULR No.: Not Applicable

Test Report

REPORT NO.AB/PSC/06/2023-24/1296

M/s. Privi Specialty Chemicals Ltd., (Unit-III)
Plot No.A-03, MIDC Mahad, Dist - Raigad - 402309, Maharashtra, India
drpatil@privi.co.in

Sample Code	AB/PSC/06/2023-24/1296
Sample Name	Unit III ETP Outlet
Sample Type	Effluent
Method for Sampling	IS 3025 (Part 1)
Sample Collected By	Aavanira Biotech Pvt Ltd
Sample Collected On	20/06/2023
Sample Received on Date	20/06/2023
Sample Condition/Description	Received in 1 liter sealed & intact Plastic Container
Analysis Date	21/06/2023 to 26/06/2023
Analysis Done At	Aavanira Biotech Pvt Ltd
Reporting Date	27/06/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting

Sr. No.	Parameter	Result	Limit as per MPCB Consent	Unit	Standard Method
1.	pH	7.1	6.0 to 8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	18.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	835.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	29	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	95.6	250	mg/lit	IS: 3025 Part-58 (R.A : 2017)
6.	Oil and Grease	BDL	10	mg/lit	IS: 3025 Part-39 (R.A : 2021)
7.	Chloride (as Cl-)	81.23	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	43.1	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	Total Phosphates (as PO_4^{-3})	5.62	50	mg/lit	APHA :23rd edition -(4500- P-C)
10.	Ammonical Nitrogen (as N)	BDL	50	mg/lit	APHA :23rd edition -(4500-NH_3 B&C)
11.	Phenol	BDL	5	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	Chromium	BDL	0.10	mg/lit	APHA :23rd edition -(3500-Cr B)
13.	Sulphide	BDL	2	mg/lit	APHA :23rd edition -(4500- S^{2-} F)
14.	Mercury (as Hg)	BDL	0.01	mg/lit	IS : 3025 Part – 02 (2019)
15.	Arsenic (as As)	BDL	0.20	mg/lit	IS : 3025 Part – 02 (2019)
16.	Lead (as Pb)	BDL	0.10	mg/lit	IS : 3025 Part – 02 (2019)
17.	Percent Sodium	0.002	60	%	IS : 3025 Part – 02 (2019)
18.	Cyanide	BDL	0.10	mg/lit	APHA :23rd edition- (4500-CN-E)
19.	Bioassay Test	92	90% Fish Survival in 96 hrs in 100% Effluent	%	APHA 23rd Edition 8010

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test result arecomplies with limits prescribed in MPCB Consent.

Verified By – Quality Manager

Govt. Analyst

-----End of Report-----

Authorized By – Technical Manager / Dy. Technical Manager

AAVANIRA BIOTECH (P) LTD.

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
■ Tel.: 8308805200 / 8446000118, ■ E-mail : info@aavanira.com, ■ Web : www.aavanira.com
CIN NO. U74900PN2010PTC137544

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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

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ULR No.: Not Applicable

Test Report

REPORT NO.AB/PSC/07/2023-24/974

M/s. Privi Specialty Chemicals Ltd., (Unit-III)
Plot No.A-03, MIDC Mahad,
Dist - Raigad - 402309,
Maharashtra, India
drpatil@privi.co.in

Sample Code	AB/PSC/07/2023-24/974
Sample Name	Unit III ETP Outlet
Sample Type	Effluent
Method for Sampling	IS 3025 (Part 1)
Sample Collected By	Aavanira Biotech Pvt Ltd
Sample Collected On	26/07/2023
Sample Received on Date	26/07/2023
Sample Condition/Description	Received in 1 liter sealed & intact Plastic Container
Analysis Date	27/07/2023 to 01/08/2023
Analysis Done At	Aavanira Biotech Pvt Ltd
Reporting Date	02/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting

Sr. No.	Parameter	Result	Limit as per MPCB Consent	Unit	Standard Method
1.	pH	6.90	6.0 to 8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	16.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	825.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	28	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	92.75	250	mg/lit	IS: 3025 Part-58 (R.A : 2017)
6.	Oil and Grease	BDL	10	mg/lit	IS: 3025 Part-39 (R.A : 2021)
7.	Chloride (as Cl-)	67.82	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	40.11	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	Total Phosphates (as PO_4^{-3})	4.74	50	mg/lit	APHA :23rd edition -(4500- P-C)
10.	Ammonical Nitrogen (as N)	BDL	50	mg/lit	APHA :23rd edition -(4500-NH_3 B&C)
11.	Phenol	BDL	5	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	Chromium	BDL	0.10	mg/lit	APHA :23rd edition -(3500-Cr B)
13.	Sulphide	BDL	2	mg/lit	APHA :23rd edition -(4500- S^{2-} F)
14.	Mercury (as Hg)	BDL	0.01	mg/lit	IS : 3025 Part – 02 (2019)
15.	Arsenic (as As)	BDL	0.20	mg/lit	IS : 3025 Part – 02 (2019)
16.	Lead (as Pb)	BDL	0.10	mg/lit	IS : 3025 Part – 02 (2019)
17.	Percent Sodium	0.001	60	%	IS : 3025 Part – 02 (2019)
18.	Cyanide	BDL	0.10	mg/lit	APHA :23rd edition- (4500-CN-E)
19.	Bioassay Test	90	90% Fish Survival in 96	%	APHA 23rd Edition 8010

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test result are complies with limits prescribed in MPCB Consent.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager / Dy. Technical Manager

AAVANIRA BIOTECH (P) LTD. * PUNE *

-----End of Report-----

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part, MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
■ Tel.: 8308805200 / 8446000118, ■ E-mail : info@aavanira.com, ■ Web : www.aavanira.com
CIN NO. U74900PN2010PTC137544

Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India
ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyse*

ULR No.: Not Applicable

Test Report

REPORT NO.AB/PSC/08/2023-24/1065

M/s. Privi Specialty Chemicals Ltd., (Unit-III)
Plot No.A-03, MIDC Mahad,
Dist - Raigad - 402309,
Maharashtra, India
drpatil@privi.co.in

Sample Code	AB/ PSC/08/2023-24/1065
Sample Name	Unit III ETP Outlet
Sample Type	Effluent
Method for Sampling	IS 3025 (Part 1)
Sample Collected By	Aavanira Biotech Pvt Ltd
Sample Collected On	18/08/2023
Sample Received on Date	19/08/2023
Sample Condition/Description	Received in 1 liter sealed & intact Plastic Container
Analysis Date	21/08/2023 to 29/08/2023
Analysis Done At	Aavanira Biotech Pvt Ltd
Reporting Date	30/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting

Sr. No.	Parameter	Result	Limit as per MPCB Consent	Unit	Standard Method
1.	pH	6.62	6.0 to 8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	7.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	2038.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	17.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	55.34	250	mg/lit	IS: 3025 Part-58 (R.A : 2017)
6.	Oil and Grease	BDL	10	mg/lit	IS: 3025 Part-39 (R.A : 2021)
7.	Chloride (as Cl-)	173.02	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	972.73	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	Total Phosphates (as PO_4^{-3})	30.78	50	mg/lit	APHA :23rd edition -(4500- P-C)
10.	Ammonical Nitrogen (as N)	BDL	50	mg/lit	APHA :23rd edition -(4500-NH_3 B&C)
11.	Phenol	BDL	5	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	Chromium	BDL	0.10	mg/lit	APHA :23rd edition -(3500-Cr B)
13.	Sulphide	1.2	2	mg/lit	APHA :23rd edition -(4500- S^{2-} F)
14.	Mercury (as Hg)	BDL	0.01	mg/lit	IS : 3025 Part – 02 (2019)
15.	Arsenic (as As)	BDL	0.20	mg/lit	IS : 3025 Part – 02 (2019)
16.	Lead (as Pb)	BDL	0.10	mg/lit	IS : 3025 Part – 02 (2019)
17.	Percent Sodium	0.001	60	%	IS : 3025 Part – 02 (2019)
18.	Cyanide	BDL	0.10	mg/lit	APHA :23rd edition- (4500-CN-E)

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test result are complies with limits prescribed in MPCB Consent.

Verified By – Quality Manager

Authorized By – Technical Manager / Dy. Technical Manager

Govt. Analyst

-----End of Report-----

AAVANIRA BIOTECH (P) LTD. PUNE

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
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ENalyse*

ULR No.: Not Applicable

Test Report

REPORT NO. AB/PSC/09/2023-24/ 520

M/s. PriviSpecialty Chemicals Ltd., (Unit-III)
Plot No.A-03, MIDC Mahad,
Dist - Raigad - 402309,
Maharashtra, India
drpatil@privi.co.in

Sample Code	AB/PSC/09/2023-24/ 520
Sample Name	Unit III ETP Outlet
Sample Type	Effluent
Method for Sampling	IS 3025 (Part 1)
Sample Collected By	Aavanira Biotech Pvt Ltd
Sample Collected On	16/09/2023
Sample Received on Date	16/09/2023
Sample Condition/Description	Received in 1 liter sealed & intact Plastic Container
Analysis Date	18/09/2023 to 23/09/2023
Analysis Done At	Aavanira BiotechPvt Ltd
Reporting Date	25/09/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting

Sr. No.	Parameter	Result	Limit as per MPCB Consent	Unit	Standard Method
1.	pH	6.97	6.0 to 8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	10.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	1740.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	8.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	27.30	250	mg/lit	IS: 3025 Part-58 (R.A : 2017)
6.	Oil and Grease	BDL	10	mg/lit	IS: 3025 Part-39 (R.A : 2021)
7.	Chloride (as Cl-)	427.05	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	374.55	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	Total Phosphates (as PO_4^{-3})	BDL	50	mg/lit	APHA :23rd edition -(4500- P-C)
10.	Ammonical Nitrogen (as N)	BDL	50	mg/lit	APHA :23rd edition -(4500-NH_3 B&C)
11.	Phenol	BDL	5	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	Chromium	BDL	0.10	mg/lit	APHA :23rd edition -(3500-Cr B)
13.	Sulphide	BDL	2	mg/lit	APHA :23rd edition -(4500- S^{2-} F)
14.	Mercury (as Hg)	BDL	0.01	mg/lit	IS : 3025 Part – 02 (2019)
15.	Arsenic (as As)	BDL	0.20	mg/lit	IS : 3025 Part – 02 (2019)
16.	Lead (as Pb)	BDL	0.10	mg/lit	IS : 3025 Part – 02 (2019)
17.	Percent Sodium	0.002	60	%	IS : 3025 Part – 02 (2019)
18.	Cyanide	BDL	0.10	mg/lit	APHA :23rd edition- (4500-CN-E)
19.	Bioassay Test	92	90% Fish Survival in 96 hrs in 100% Effluent	%	APHA 23rd Edition 8010

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test result are complies with limits prescribed in MPCB Consent.

Verified By – Quality Manager

Authorized By – Technical Manager / Dy. Technical Manager

Govt. Analyst

-----End of Report-----

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part, MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
■ Tel.: 8308805200 / 8446000118, ■ E-mail : info@aavanira.com, ■ Web : www.aavanira.com
CIN NO. U74900PN2010PTC137544

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ENalyse*

ULR No.: Not Applicable

Test Report

REPORT NO.AB/PSC/10/2023-24/468

M/s. Privi Specialty Chemicals Ltd., (Unit-III)
Plot No.A-03, MIDC Mahad,
Dist - Raigad - 402309,
Maharashtra, India
drpatil@privi.co.in

Sample Code	AB/PSC/10/2023-24/468
Sample Name	Unit III ETP Outlet
Sample Type	Effluent
Method for Sampling	IS 3025 (Part 1)
Sample Collected By	Aavanira Biotech Pvt Ltd
Sample Collected On	10/10/2023
Sample Received on Date	12/10/2023
Sample Condition/Description	Received in 1 liter sealed & intact Plastic Container
Analysis Date	13/10/2023 t o 18/10/2023
Analysis Done At	Aavanira BiotechPvt Ltd
Reporting Date	19/10/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting

Sr. No.	Parameter	Result	Limit as per MPCB Consent	Unit	Standard Method
1.	pH	6.83	6.0 to 8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	8.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	954.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	16.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	55.34	250	mg/lit	IS: 3025 Part-58 (R.A : 2017)
6.	Oil and Grease	BDL	10	mg/lit	IS: 3025 Part-39 (R.A : 2021)
7.	Chloride (as Cl-)	274.42	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	152.50	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	Total Phosphates (as PO_4^{-3})	18.316	50	mg/lit	APHA :23rd edition -(4500- P-C)
10.	Ammonical Nitrogen (as N)	BDL	50	mg/lit	APHA :23rd edition -(4500-NH_3 B&C)
11.	Phenol	BDL	5	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	Chromium	BDL	0.10	mg/lit	APHA :23rd edition -(3500-Cr B)
13.	Sulphide	BDL	2	mg/lit	APHA :23rd edition -(4500- S^{2-} F)
14.	Mercury (as Hg)	BDL	0.01	mg/lit	IS : 3025 Part – 02 (2019)
15.	Arsenic (as As)	BDL	0.20	mg/lit	IS : 3025 Part – 02 (2019)
16.	Lead (as Pb)	BDL	0.10	mg/lit	IS : 3025 Part – 02 (2019)
17.	Percent Sodium	0.001	60	%	IS : 3025 Part – 02 (2019)
18.	Cyanide	BDL	0.10	mg/lit	APHA :23rd edition- (4500-CN-E)
19.	Bioassay Test	92	90% Fish Survival in 96 hrs in 100% Effluent	%	APHA 23rd Edition 8010

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test result are complies with limits prescribed in MPCB Consent.

Verified By – Quality Manager

Authorized By – Technical Manager / Dy. Technical Manager

Govt. Analyst

-----End of Report-----

AAVANIRA BIOTECH

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
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ENalyse*

ULR No.: Not Applicable

Test Report

REPORT NO. AB/PSC/11/2023-24/194

M/s. Privi Specialty Chemicals Ltd., (Unit-III) **Plot No.A-03, MIDC Mahad,** **Dist - Raigad - 402309,** **Maharashtra, India** **drpatil@privi.co.in**	Sample Code	AB/PSC/11/2023-24/194
	Sample Name	Unit III ETP Outlet
	Sample Type	Effluent
	Method for Sampling	IS 3025 (Part 1)
	Sample Collected By	Aavanira Biotech Pvt Ltd
	Sample Collected On	10/11/2023
	Sample Received on Date	10/11/2023
	Sample Condition/Description	Received in 1 liter in sealed & intact Plastic Container
	Analysis Date	11/11/2023 to 17/11/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	18/11/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	

Sr. No.	Parameter	Result	Limit as per MPCB Consent	Unit	Standard Method
1.	pH	7.21	6.0 to 8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	12.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	1870.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	8.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	27.30	250	mg/lit	IS: 3025 Part-58 (R.A : 2017)
6.	Oil and Grease	BDL	10	mg/lit	IS: 3025 Part-39 (R.A : 2021)
7.	Chloride (as Cl-)	410.07	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	352.41	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-}
9.	Total Phosphates (as PO_4^{-3})	BDL	50	mg/lit	APHA :23rd edition -(4500- P-C)
10.	Ammonical Nitrogen (as N)	BDL	50	mg/lit	APHA :23rd edition -(4500-NH_3
11.	Phenol	BDL	5	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	Chromium	BDL	0.10	mg/lit	APHA :23rd edition -(3500-Cr B)
13.	Sulphide	BDL	2	mg/lit	APHA :23rd edition -(4500- S^2- F)
14.	Mercury (as Hg)	BDL	0.01	mg/lit	IS : 3025 Part – 02 (2019)
15.	Arsenic (as As)	BDL	0.20	mg/lit	IS : 3025 Part – 02 (2019)
16.	Lead (as Pb)	BDL	0.10	mg/lit	IS : 3025 Part – 02 (2019)
17.	Percent Sodium	0.003	60	%	IS : 3025 Part – 02 (2019)
18.	Cyanide	BDL	0.10	mg/lit	APHA :23rd edition- (4500-CN-E)
19.	Bioassay Test	92	90% Fish Survival in 96 hrs in 100% Effluent	%	APHA 23rd Edition 8010

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test result are complies with limits prescribed in MPCB Consent.

Verified By – Quality Manager

Authorized By – Technical Manager / Dy. Technical Manager

Govt. Analyst

-----End of Report-----

AAVANIRA BIOTECH (P) LTD.

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
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CIN NO. U74900PN2010PTC137544

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ENalyse*

ULR No.: Not Applicable

Ambient Air Quality Monitoring Report Report No. AB/PSC/08/2023-24/1254

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1254
	Sample Name /Location	(A7) Near Main Gate
	Sample Type	Ambient Air
	Method of Sampling	IS:5182 &CPCB Manual-(NAAQMS 36/2012-13)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	17/08/2023
	Sample Received on Date	19/08/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.
	Analysis Date	19/08/2023 to 26/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	26/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/133 Calibrated on –10/07/2023 Due On–09/07/2024	
Ambient Temperature	31.5°C	Relative Humidity(RH) 45 %
Sampling Duration	24 Hrs.	
Time of Sampling	01:10 p.m. to 01:10 p.m.	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	70.17	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	21.25	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	21.4	$\mu g/m^3$	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	23.8	$\mu g/m^3$	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	20.0	$\mu g/m^3$	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	0.12	$\mu g/m^3$	≤ 1.0	SOP No. AB/TECH/CHM/SOP/A/07
7.	Carbon Monoxide (CO)	1.88	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	16.5	$\mu g/m^3$	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C_6H_6)	BDL[D.L.=0.02]	$\mu g/m^3$	≤ 05 (Annual)	IS 5182 Part 11 : 2006 (R.A.:2017)
10.	Benzo(a)Pyrene (BaP)	BDL[D.L.=0.001]	ng/m^3	≤ 01(Annual)	IS 5182 Part 12 :2004 (R.A.:2017)
11.	Arsenic (As)	BDL[D.L.=0.1]	ng/m^3	≤ 06 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07
12.	Nickel (Ni)	BDL[D.L.=0.1]	ng/m^3	≤ 20 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test results are complies with prescribed National Ambient Air Quality Standards (NAAQS: 2009) limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/
Dy. Technical Manager

-----End of Report-----

AAVANIRA BIOTECH (P) LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
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CIN NO. U74900PN2010PTC137544

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ENalyse*

ULR No.: Not Applicable

Ambient Air Quality Monitoring Report — Report No. AB/PSC/08/2023-24/1255

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1255
	Sample Name /Location	(A8) Near DG Set
	Sample Type	Ambient Air
	Method of Sampling	IS:5182 &CPCB Manual-(NAAQMS 36/2012-13)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	17/08/2023
	Sample Received on Date	19/08/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.
	Analysis Date	19/08/2023 to 26/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	26/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/120 Calibrated on –10/07/2023 Due On–09/07/2024	
Ambient Temperature	31.0°C	Relative Humidity(RH) 42 %
Sampling Duration	24 Hrs.	
Time of Sampling	01:50 p.m. to 01:50 p.m.	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	73.28	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	31.64	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	22.8	$\mu g/m^3$	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	25.5	$\mu g/m^3$	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	19.8	$\mu g/m^3$	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	0.13	$\mu g/m^3$	≤ 1.0	SOP No. AB/TECH/CHM/SOP/A/07
7.	Carbon Monoxide (CO)	1.87	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	18.2	$\mu g/m^3$	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C_6H_6)	BDL[D.L.=0.02]	$\mu g/m^3$	≤ 05 (Annual)	IS 5182 Part 11 : 2006 (R.A.:2017)
10.	Benzo(a)Pyrene (BaP)	BDL[D.L.=0.001]	ng/m^3	≤ 01(Annual)	IS 5182 Part 12 :2004 (R.A.:2017)
11.	Arsenic (As)	BDL[D.L.=0.1]	ng/m^3	≤ 06 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07
12.	Nickel (Ni)	BDL[D.L.=0.1]	ng/m^3	≤ 20 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test results are complies with prescribed National Ambient Air Quality Standards (NAAQS: 2009) limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/
Dy. Technical Manager

-----End of Report-----

AAVANIRA BIOTECH (P) LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
■ Tel.: 8308805200 / 8446000118, ■ E-mail : info@aavanira.com, ■ Web : www.aavanira.com
CIN NO. U74900PN2010PTC137544

Aavanira® BIOTECH

Recognized by Ministry of Environment, Forest & Climate Change (MoEFCC), Govt. of India
ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyse*

ULR No.: Not Applicable

Ambient Air Quality Monitoring Report Report No. AB/PSC/08/2023-24/1256

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1256
	Sample Name /Location	(A9) Near ETP
	Sample Type	Ambient Air
	Method of Sampling	IS:5182 &CPCB Manual-(NAAQMS 36/2012-13)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	17/08/2023
	Sample Received on Date	19/08/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.
	Analysis Date	19/08/2023 to 26/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	26/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/120 Calibrated on –10/07/2023 Due On–09/07/2024	
Ambient Temperature	32.0°C	Relative Humidity(RH) 45 %
Sampling Duration	24 Hrs.	
Time of Sampling	02:00 p.m. to 02:00 p.m.	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	72.38	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	27.15	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	20.2	$\mu g/m^3$	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	19.5	$\mu g/m^3$	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	18.0	$\mu g/m^3$	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	0.11	$\mu g/m^3$	≤ 1.0	SOP No. AB/TECH/CHM/SOP/A/07
7.	Carbon Monoxide (CO)	1.47	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	12.5	$\mu g/m^3$	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C_6H_6)	BDL[D.L.=0.02]	$\mu g/m^3$	≤ 05 (Annual)	IS 5182 Part 11 : 2006 (R.A.:2017)
10.	Benzo(a)Pyrene (BaP)	BDL[D.L.=0.001]	ng/m^3	≤ 01(Annual)	IS 5182 Part 12 :2004 (R.A.:2017)
11.	Arsenic (As)	BDL[D.L.=0.1]	ng/m^3	≤ 06 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07
12.	Nickel (Ni)	BDL[D.L.=0.1]	ng/m^3	≤ 20 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test results are complies with prescribed National Ambient Air Quality Standards (NAAQS: 2009) limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/
Dy. Technical Manager

-----End of Report----

AAVANIRA BIOTECH PVT. LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
■ Tel.: 8308805200 / 8446000118, ■ E-mail : info@aavanira.com, ■ Web : www.aavanira.com
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ENalyse*

Workzone Air Quality Monitoring Report Report No. AB/PSC/08/2023-24/1257

Name of Client & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309,Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1257
	Sample Name /Location	Terpinol Plant - (Near Pre - ETP Pit)
	Sample Type	Workzone Air
	Method of Sampling	NIOSH Manual
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	17/08/2023
	Sample Received on Date	19/08/2023
	Sample Condition / Description	Filter Papers & Glass Tube in sealed case.
	Analysis Date	19/08/2023 to 26/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	26/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Portable Gas Sampler, AB/Tech/Instr/138 Calibrated on –10/07/2023 Due On–09/07/2024	
Ambient Temperature	32.0°C	Relative Humidity(RH) 37 %
Sampling Duration	08 Hrs.	
Time of Sampling	11:25 a.m.	

Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method
1	Acid Mist	0.94	mg/m^3	<1.0	NIOSH Manual
2	Hydrocarbon	1.35	mg/m^3	N.S.	NIOSH Manual
3	VOCs (B-T-X)	BDL	ppm	N.S.	GC Method

N.S. = Not Specified

Statement of Conformity: The above mentioned test results are complies with prescribed the Factories Act, 1948 Standards limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/ Dy. Technical Manager

-----End of Report----

AAVANIRA BIOTECH (P) LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
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ENalyse*

Workzone Air Quality Monitoring Report Report No. AB/PSC/08/2023-24/1258

Name of Client & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309,Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1258
	Sample Name /Location	Boiler (16TPH) - Crusher Area
	Sample Type	Workzone Air
	Method of Sampling	NIOSH Manual
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	17/08/2023
	Sample Received on Date	19/08/2023
	Sample Condition / Description	Filter Papers & Glass Tube in sealed case.
	Analysis Date	19/08/2023 to 26/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	26/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Portable Gas Sampler, AB/Tech/Instr/94 Calibrated on –10/07/2023 Due On–09/07/2024	
Ambient Temperature	31.8°C	Relative Humidity(RH) 38 %
Sampling Duration	08 Hrs.	
Time of Sampling	12:35 p.m.	

Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method
1	Coal Dust	1.95	mg/m^3	N.S.	NIOSH Manual
2	Acid Mist	0.30	mg/m^3	<1.0	NIOSH Manual

N.S. = Not Specified

Statement of Conformity: The above mentioned test results are complies with prescribed the Factories Act, 1948 Standards limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/
Dy. Technical Manager

-----End of Report----

AAVANIRA BIOTECH (P) LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
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ENalyse*

Personal Air Quality Monitoring Report Report No. AB/PSC/08/2023-24/1259

Name of Client & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309,Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1259
	Sample Name /Location	Terpinol Plant- Near Pine Oil Crude Reaction (R-3406)
	Sample Type	Personal Air
	Method of Sampling	NIOSH Manual
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	18/08/2023
	Sample Received on Date	19/08/2023
	Sample Condition / Description	Filter Papers & Glass Tube in sealed case.
	Analysis Date	19/08/2023 to 26/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	26/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Portable Gas Sampler, AB/Tech/Instr/92 Calibrated on –12/07/2022 Due On–11/07/2023	
Ambient Temperature	30.0°C	Relative Humidity(RH) 41 %
Sampling Duration	08 Hrs.	
Time of Sampling	03:00 p.m.	

Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method
1	Hydrocarbon	1.39	mg/m^3	N.S.	NIOSH Manual
2	Acid Mist	0.88	mg/m^3	<1.0	NIOSH Manual
3	VOCs (B-T-X)	BDL	ppm	N.S.	GC Method

N.S. = Not Specified

Statement of Conformity: The above mentioned test results are complies with prescribed the Factories Act, 1948 Standards limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/
Dy. Technical Manager

-----End of Report----

AAVANIRA BIOTECH (P) LTD. * PUNE *

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ENalyse*

Personal Air Quality Monitoring Report **Report No. AB/PSC/08/2023-24/1260**

Name of Client & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309,Maharashtra, India.	**Sample Code**	AB/PSC/08/2023-24/1260
	Sample Name /Location	Boiler (16TPH) - Ground Floor
	Sample Type	Personal Air
	Method of Sampling	NIOSH Manual
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	18/08/2023
	Sample Received on Date	19/08/2023
	Sample Condition / Description	Filter Papers & Glass Tube in sealed case.
	Analysis Date	19/08/2023 to 26/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	26/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Portable Gas Sampler, AB/Tech/Instr/94 Calibrated on –12/07/2022 Due On–11/07/2023	
Ambient Temperature	31.0°C	**Relative Humidity(RH)** 40 %
Sampling Duration	08 Hrs.	
Time of Sampling	04:20 p.m.	

Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method
1	Coal Dust	1.91	mg/m^3	N.S.	NIOSH Manual
2	Acid Mist	0.48	mg/m^3	<1.0	NIOSH Manual

N.S. = Not Specified

Statement of Conformity: The above mentioned test results are complies with prescribed the Factories Act, 1948 Standards limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/ Dy. Technical Manager

-----End of Report----

AAVANIRA BIOTECH (P) LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
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CIN NO. U74900PN2010PTC137544

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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1261

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1261
	Sample Name /Location	S-3 DG Set 750 KVA
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	17/08/2023
	Sample Received on Date	19/08/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	19/08/2023 to 26/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	26/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Stack Monitoring Kit , AB/Tech/Instr/140 Calibrated on –10/08/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	12:45 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	13	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	440	°K
6	Differential Pressure	8.8	mmWG
7	Velocity	12.72	m/s
8	Diameter of Stack	0.2032	mtr.
9	Stack Area	0.0324	m^2
10	Gas Volume	1004.87	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	63.94	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	26.18	ppm	≤ 50	IS 11255 Part 2:1985(R.A.:2019)
		1.87	Kg/day	--	
3	Oxides of Nitrogen(NOx)	6.11	ppm	≤50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	N.D.	mg/Nm^3	< 35	US EPA Method 8 A
5	Acid Mist	N.D.	ppm	< 35	US EPA Method 8 A

N.D.: Not Detected

Statement of Conformity: The above mentioned test results are complies with MPCB Consent limits.

Verified By – Quality Manager

Authorized By – Technical Manager/
Dy. Technical Manager

Govt. Analyst

-----End of Report-----

AAVANIRA BIOTECH (P) LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1262

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1262
	Sample Name /Location	S-4 Diesel Engine Fire Pump
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	17/08/2023
	Sample Received on Date	19/08/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	19/08/2023 to 26/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	26/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Stack Monitoring Kit , AB/Tech/Instr/140 Calibrated on –10/08/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	01:30 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	12	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	372	°K
6	Differential Pressure	4.5	mmWG
7	Velocity	9.11	m/s
8	Diameter of Stack	0.1	mtr.
9	Stack Area	0.0078	m^2
10	Gas Volume	202.25	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	35.69	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	24.17	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		0.31	Kg/day	--	
3	Oxides of Nitrogen(NOx)	1.24	ppm	--	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	N.D.	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	N.D.	ppm	<35	US EPA Method 8 A

N.D.: Not Detected

Statement of Conformity: The above mentioned test results are complies with MPCB Consent limits.

Verified By – Quality Manager

Authorized By – Technical Manager/
Dy. Technical Manager

Govt. Analyst

-----End of Report

AAVANIRA BIOTECH (P) LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1263

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1263
	Sample Name /Location	S-2 Boiler (16 TPH)
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	17/08/2023
	Sample Received on Date	19/08/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	19/08/2023 to 26/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	26/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Stack Monitoring Kit , AB/Tech/Instr/140 Calibrated on –10/08/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	02:15 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	42	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Coal	--
5	Flue Gas Temperature	426	°K
6	Differential Pressure	1.6	mmWG
7	Velocity	5.29	m/s
8	Diameter of Stack	1.7	mtr.
9	Stack Area	2.2687	m^2
10	Gas Volume	29923.15	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	48.28	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	41.65	ppm	≤ 50	IS 11255 Part 2:1985(R.A.:2019)
		29.35	Kg/day	≤ 720	
3	Oxides of Nitrogen(NOx)	28.5	ppm	≤ 50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.26	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	1.29	ppm	<35	US EPA Method 8 A

N.D.: Not Detected

Statement of Conformity: The above mentioned test results are complies with MPCB Consent limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/
Dy. Technical Manager

AAVANIRA BIOTECH (P) LTD * PUNE *

-----End of Report-----

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
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ENalyse*

Ambient Noise Monitoring Report

Report No. AB/PSC/08/2023-24/1264

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	**Sample Code**	**AB/PSC/08/2023-24/1264**
	Sample Type	**Ambient Noise**
	Method of Sampling	**IS:9876 (RA:2001)**
	Sample Collected By	**Aavanira Biotech Pvt. Ltd.**
	Sample Collected On	**18/08/2023**
	Reporting Date	**27/08/2023**
Instrument Details	**Sound Level Meter, AB/Tech/Instr/220 Calibrated on –10/07/2023 Due On–09/07/2024**	

Sr. No.	Test Location	Day Time		Night Time		Unit
		Time in Hrs.	Readings	Time in Hrs.	Readings	
1.	Near Main Gate	12:30	63.4	22:25	57.7	dB(A)
2.	Near Admin Department	12:32	58.9	22:28	57.5	dB(A)
3.	Boiler Area	12:35	71.4	22:30	62.1	dB(A)
4.	MEE Plant	12:38	67.7	22:33	62.0	dB(A)
5.	Near Terpint plant	12:40	68.9	22:35	61.2	dB(A)
6.	Near ETP V-Notch	12:42	70.0	22:40	60.5	dB(A)
7.	Fabrication Work Shop	12:45	68.5	22:42	63.0	dB(A)
8.	Utility Area	12:52	73.0	22:45	64.8	dB(A)
9.	ETP Area	12:55	68.0	22:48	62.1	dB(A)
10.	DG Area	13:00	70.2	22:50	61.3	dB(A)

Statement of Conformity: Limits: Maharashtra Pollution Control Board has prescribed 75 dB (A) as an upper limit of Noise Level during day time & 70 db (A) for night time.
Above results are complies with the prescribed limits by MPCB.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager / Dy. Technical Manager

-----End of Report-----

AAVANIRA BIOTECH (P) LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyse*

DG Insertion Loss Monitoring Report Report No. AB/PSC/08/2023-24/1265

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1265
	Sample Type	DG Insertion Loss Noise
	Method of Sampling	IS : 4758 (RA:2017)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.
	Sample Collected On	18/08/2023
	Reporting Date	27/08/2023
Instrument Details	Sound Level Meter, AB/Tech/Instr/223 Calibrated on –10/07/2023 Due On–09/07/2024	

Sr. No.	Test Location	DG ON (Open) Door 0.5 Meter away	DG ON (Closed Door 0.5 Meter away)					For Insertion Loss	Unit
			N1	N2	N3	N4	Avg.		
1.	DG Set (750 KVA)	99.5	74.2	74.0	74.1	74.5	74.2	25.3	dB(A)

Statement of Conformity: The acoustic enclosure /acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss for meeting the ambient noise standards, whichever is on higher side. Above results are Complies with MPCB limits

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/
Dy. Technical Manager

-----End of Report----

AAVANIRA BIOTECH (P) LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
■ Tel.: 8308805200 / 8446000118, ■ E-mail : info@aavanira.com, ■ Web : www.aavanira.com
CIN NO. U74900PN2010PTC137544

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ENalyse*

ULR No.: Not Applicable

Ambient Air Quality Monitoring Report **Report No. AB/PSC/11/2023-24/297**

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	**Sample Code**	AB/PSC/11/2023-24/297		
	Sample Name /Location	(A7) Near Main Gate		
	Sample Type	Ambient Air		
	Method of Sampling	IS:5182 &CPCB Manual-(NAAQMS 36/2012-13)		
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,		
	Sample Collected On	08/11/2023		
	Sample Received on Date	10/11/2023		
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.		
	Analysis Date	10/11/2023 to 17/11/2023		
	Analysis Done At	Aavanira Biotech Pvt Ltd		
	Reporting Date	18/11/2023		
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting			
Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/133 Calibrated on –10/07/2023 Due On–09/07/2024			
Ambient Temperature	29.8°C	**Relative Humidity(RH)**	42 %	
Sampling Duration	24 Hrs.			
Time of Sampling	01:40 p.m. to 01:40 p.m.			

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	78.92	µg/m³	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	30.39	µg/m³	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	22.9	µg/m³	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	24.0	µg/m³	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	20.2	µg/m³	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	0.13	µg/m³	≤ 1.0	SOP No. AB/TECH/CHM/SOP/A/07
7.	Carbon Monoxide (CO)	1.91	mg/m³	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	17.0	µg/m³	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C_6H_6)	BDL[D.L.=0.02]	µg/m³	≤ 05 (Annual)	IS 5182 Part 11 : 2006 (R.A.:2017)
10.	Benzo(a)Pyrene (BaP)	BDL[D.L.=0.001]	ng/m³	≤ 01(Annual)	IS 5182 Part 12 :2004 (R.A.:2017)
11.	Arsenic (As)	BDL[D.L.=0.1]	ng/m³	≤ 06 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07
12.	Nickel (Ni)	BDL[D.L.=0.1]	ng/m³	≤ 20 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test results are complies with prescribed National Ambient Air Quality Standards (NAAQS: 2009) limits.

Verified By – Quality Manager

Authorized By – Technical Manager/ Dy. Technical Manager

Govt. Analyst

-----End of Report-----

AAVANIRA BIO TECH (P) LTD. ★ PUNE ★

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
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ULR No.: Not Applicable

Ambient Air Quality Monitoring Report — Report No. AB/PSC/11/2023-24/298

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/11/2023-24/298
	Sample Name /Location	(A8) Near DG Set
	Sample Type	Ambient Air
	Method of Sampling	IS:5182 &CPCB Manual-(NAAQMS 36/2012-13)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	08/11/2023
	Sample Received on Date	10/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.
	Analysis Date	10/11/2023 to 17/11/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	18/11/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/120 Calibrated on –10/07/2023 Due On–09/07/2024	
Ambient Temperature	31.0°C	Relative Humidity(RH) 42 %
Sampling Duration	24 Hrs.	
Time of Sampling	02:00 p.m. to 02:00 p.m.	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	80.12	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	31.26	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	23.6	$\mu g/m^3$	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	28.0	$\mu g/m^3$	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	20.0	$\mu g/m^3$	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	0.18	$\mu g/m^3$	≤ 1.0	SOP No. AB/TECH/CHM/SOP/A/07
7.	Carbon Monoxide (CO)	1.95	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	18.5	$\mu g/m^3$	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C_6H_6)	BDL[D.L.=0.02]	$\mu g/m^3$	≤ 05 (Annual)	IS 5182 Part 11 : 2006 (R.A.:2017)
10.	Benzo(a)Pyrene (BaP)	BDL[D.L.=0.001]	ng/m^3	≤ 01(Annual)	IS 5182 Part 12 :2004 (R.A.:2017)
11.	Arsenic (As)	BDL[D.L.=0.1]	ng/m^3	≤ 06 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07
12.	Nickel (Ni)	BDL[D.L.=0.1]	ng/m^3	≤ 20 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test results are complies with prescribed National Ambient Air Quality Standards (NAAQS: 2009) limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/ Dy. Technical Manager

AAVANIRA BIOTECH (P) LTD. ★ PUNE ★

—End of Report—

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
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ENalyse*

ULR No.: Not Applicable

Ambient Air Quality Monitoring Report — Report No. AB/PSC/11/2023-24/299

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/11/2023-24/299
	Sample Name /Location	(A9) Near ETP
	Sample Type	Ambient Air
	Method of Sampling	IS:5182 &CPCB Manual-(NAAQMS 36/2012-13)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	08/11/2023
	Sample Received on Date	10/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.
	Analysis Date	10/11/2023 to 17/11/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	18/11/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/120 Calibrated on –10/07/2023 Due On–09/07/2024	
Ambient Temperature	29.8°C	Relative Humidity(RH) 42 %
Sampling Duration	24 Hrs.	
Time of Sampling	02:10 p.m. to 02:10 p.m.	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	77.15	µg/m³	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	28.59	µg/m³	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	22.0	µg/m³	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	19.8	µg/m³	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	18.5	µg/m³	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	0.12	µg/m³	≤ 1.0	SOP No. AB/TECH/CHM/SOP/A/07
7.	Carbon Monoxide (CO)	1.50	mg/m³	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	12.8	µg/m³	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C_6H_6)	BDL[D.L.=0.02]	µg/m³	≤ 05 (Annual)	IS 5182 Part 11 : 2006 (R.A.:2017)
10.	Benzo(a)Pyrene (BaP)	BDL[D.L.=0.001]	ng/m³	≤ 01(Annual)	IS 5182 Part 12 :2004 (R.A.:2017)
11.	Arsenic (As)	BDL[D.L.=0.1]	ng/m³	≤ 06 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07
12.	Nickel (Ni)	BDL[D.L.=0.1]	ng/m³	≤ 20 (Annual)	SOP No. AB/TECH/CHM/SOP/A/07

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test results are complies with prescribed National Ambient Air Quality Standards (NAAQS: 2009) limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/ Dy. Technical Manager

AAVANIRA BIOTECH (P) LTD. PUNE

----End of Report----

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
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ULR No.: Not Applicable

Test Report

REPORT NO. AB/PSC/11/2023-24/194

M/s. Privi Specialty Chemicals Ltd., (Unit-III)
Plot No.A-03, MIDC Mahad, Dist - Raigad - 402309, Maharashtra, India
drpatil@privi.co.in

Sample Code	**AB/PSC/11/2023-24/194**
Sample Name	**Unit III ETP Outlet**
Sample Type	**Effluent**
Method for Sampling	**IS 3025 (Part 1)**
Sample Collected By	**Aavanira Biotech Pvt Ltd**
Sample Collected On	**10/11/2023**
Sample Received on Date	**10/11/2023**
Sample Condition/Description	**Received in 1 liter in sealed & intact Plastic Container**
Analysis Date	**11/11/2023 to 17/11/2023**
Analysis Done At	**Aavanira Biotech Pvt Ltd**
Reporting Date	**18/11/2023**
Sample returned /stored	**Stored at 4°C for 1 week from the date of reporting**

Sr. No.	Parameter	Result	Limit as per MPCB Consent	Unit	Standard Method
1.	pH	7.21	6.0 to 8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	12.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	1870.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	8.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	27.30	250	mg/lit	IS: 3025 Part-58 (R.A : 2017)
6.	Oil and Grease	BDL	10	mg/lit	IS: 3025 Part-39 (R.A : 2021)
7.	Chloride (as Cl-)	410.07	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	352.41	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-}
9.	Total Phosphates (as PO_4^{-3})	BDL	50	mg/lit	APHA :23rd edition -(4500- P-C)
10.	Ammonical Nitrogen (as N)	BDL	50	mg/lit	APHA :23rd edition -(4500-NH_3
11.	Phenol	BDL	5	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	Chromium	BDL	0.10	mg/lit	APHA :23rd edition -(3500-Cr B)
13.	Sulphide	BDL	2	mg/lit	APHA :23rd edition -(4500- S^2- F)
14.	Mercury (as Hg)	BDL	0.01	mg/lit	IS : 3025 Part – 02 (2019)
15.	Arsenic (as As)	BDL	0.20	mg/lit	IS : 3025 Part – 02 (2019)
16.	Lead (as Pb)	BDL	0.10	mg/lit	IS : 3025 Part – 02 (2019)
17.	Percent Sodium	0.003	60	%	IS : 3025 Part – 02 (2019)
18.	Cyanide	BDL	0.10	mg/lit	APHA :23rd edition- (4500-CN-E)
19.	Bioassay Test	92	90% Fish Survival in 96 hrs in 100% Effluent	%	APHA 23rd Edition 8010

BDL: Below Detection Limit.
Statement of Conformity: The above mentioned test result are complies with limits prescribed in MPCB Consent.

Verified By – Quality Manager

Authorized By – Technical Manager / Dy. Technical Manager

Govt. Analyst

-----End of Report-----

AANIRA BIOTECH (P) LTD.

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
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ULR No.: Not Applicable

Test Report

REPORT NO. AB/PSC/11/2023-24/195

M/s. Privi Specialty Chemicals Ltd., (Unit-III) **Plot No.A-03, MIDC Mahad,** **Dist - Raigad - 402309,** **Maharashtra, India** **drpatil@privi.co.in**	**Sample Code**	**AB/PSC/11/2023-24/195**
	Sample Name	**STP Outlet**
	Sample Type	**Sewage**
	Method for Sampling	**IS 3025 (Part 1)**
	Sample Collected By	**Aavanira Biotech Pvt Ltd**
	Sample Collected On	**10/11/2023**
	Sample Received on Date	**10/11/2023**
	Sample Condition/Description	**Received in 1 liter in sealed & intact Plastic Container**
	Analysis Date	**11/11/2023 to 17/11/2023**
	Analysis Done At	**Aavanira Biotech Pvt Ltd**
	Reporting Date	**18/11/2023**
Sample returned /stored	**Stored at 4°C for 1 week from the date of reporting**	

Sr. No.	Parameter	Result	Limit as per MPCB Consent	Unit	Standard Method
1.	Total Suspended Solids	12.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
2.	Biochemical Oxygen Demand (3day at 27°C)	6.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)

BDL: Below Detection Limit.

Statement of Conformity: The above mentioned test result are complies with limits prescribed in MPCB Consent.

Verified By – Quality Manager

Authorized By – Technical Manager / Dy. Technical Manager

Govt. Analyst

-----End of Report-----

AAVANIRA BIOTECH (P) LTD. * PUNE *

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
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ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/300

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	**Sample Code**	**AB/PSC/11/2023-24/300**
	Sample Name /Location	**S-3 DG Set 750 KVA**
	Sample Type	**Stack**
	Method of Sampling	**IS:11255 & CPCB Manual (LATS/80/2013-2014)**
	Sample Collected By	**Aavanira Biotech Pvt. Ltd.,**
	Sample Collected On	**08/11/2023**
	Sample Received on Date	**10/11/2023**
	Sample Condition / Description	**Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.**
	Analysis Date	**10/11/2023 to 17/11/2023**
	Analysis Done At	**Aavanira Biotech Pvt Ltd**
	Reporting Date	**18/11/2023**
Sample returned /stored	**Stored at 4°C for 1 week from the date of reporting**	
Instrument Details	**Stack Monitoring Kit , AB/Tech/Instr/140 Calibrated on –10/08/2023 Due On–09/07/2024**	
Sampling Duration	**30 Mins.**	
Time of Sampling	**12:45 p.m.**	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	13	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	436	°K
6	Differential Pressure	8.2	mmWG
7	Velocity	12.22	m/s
8	Diameter of Stack	0.2032	mtr.
9	Stack Area	0.0324	m^2
10	Gas Volume	974.45	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	62.57	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	28.12	ppm	≤ 50	IS 11255 Part 2:1985(R.A.:2019)
		0.66	Kg/day	--	
3	Oxides of Nitrogen(NOx)	6.25	ppm	≤50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	N.D.	mg/Nm^3	< 35	US EPA Method 8 A
5	Acid Mist	N.D.	ppm	< 35	US EPA Method 8 A

N.D.: Not Detected

Statement of Conformity: The above mentioned test results are complies with MPCB Consent limits.

Verified By – Quality Manager

AAVANIRA BIOTECH (P) LTD. ★ PUNE ★

Authorized By – Technical Manager/ Dy. Technical Manager

Govt. Analyst

-----End of Report-----

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
MIDC Chinchwad, Pune - 411 019. Maharashtra, India.
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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/302

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/11/2023-24/302
	Sample Name /Location	S-2 Boiler (16 TPH)
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	08/11/2023
	Sample Received on Date	10/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	10/11/2023 to 17/11/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	18/11/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Stack Monitoring Kit , AB/Tech/Instr/140 Calibrated on –10/08/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	02:20 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	42	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Coal	--
5	Flue Gas Temperature	430	°K
6	Differential Pressure	1.5	mmWG
7	Velocity	5.19	m/s
8	Diameter of Stack	1.7	mtr.
9	Stack Area	2.2687	m^2
10	Gas Volume	29385.91	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	47.98	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	42.60	ppm	≤ 50	IS 11255 Part 2:1985(R.A.:2019)
		30.04	Kg/day	≤ 720	
3	Oxides of Nitrogen(NOx)	29.2	ppm	≤ 50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.29	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	1.22	ppm	<35	US EPA Method 8 A

N.D.: Not Detected

Statement of Conformity: The above mentioned test results are complies with MPCB Consent limits.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/ Dy. Technical Manager

AAVANIRA BIOTECH (P) LTD. ★ PUNE ★

-----End of Report----

Aavanira Biotech (P) Ltd. Kinetic Innovation Park, D-1 Block, Plot No. - 18/1 Part,
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ENalyse*

Ambient Noise Monitoring Report Report No. AB/PSC/11/2023-24/303

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	**Sample Code**	**AB/PSC/11/2023-24/303**
	Sample Type	**Ambient Noise**
	Method of Sampling	**IS:9876 (RA:2001)**
	Sample Collected By	**Aavanira Biotech Pvt. Ltd.**
	Sample Collected On	**08/11/2023**
	Reporting Date	**18/11/2023**
Instrument Details	**Sound Level Meter, AB/Tech/Instr/220 Calibrated on –10/07/2023 Due On–09/07/2024**	

Sr. No.	Test Location	Day Time		Night Time		Unit
		Time in Hrs.	Readings	Time in Hrs.	Readings	
1.	Near Main Gate	12:35	64.5	22:20	58.5	dB(A)
2.	Near Admin Department	12:38	59.0	22:25	58.0	dB(A)
3.	Boiler Area	12:40	72.0	22:30	67.1	dB(A)
4.	MEE Plant	12:42	68.0	22:33	63.5	dB(A)
5.	Near Terpint plant	12:45	67.1	22:35	63.0	dB(A)
6.	Near ETP V-Notch	12:48	70.4	22:40	62.0	dB(A)
7.	Fabrication Work Shop	12:50	69.9	22:42	63.1	dB(A)
8.	Utility Area	12:52	73.5	22:43	64.5	dB(A)
9.	ETP Area	12:55	67.2	22:44	62.0	dB(A)
10.	DG Area	13:00	70.6	22:52	61.8	dB(A)

Statement of Conformity: Limits: Maharashtra Pollution Control Board has prescribed 75 dB (A) as an upper limit of Noise Level during day time & 70 db (A) for night time.
Above results are complies with the prescribed limits by MPCB.

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager / Dy. Technical Manager

----End of Report----

AAVANIRA BIOTECH (P) LTD. ★ PUNE ★

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ENalyse*

DG Insertion Loss Monitoring Report

Report No. AB/PSC/11/2023-24/304

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-III) Plot No.A-03, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	
Sample Code	AB/PSC/11/2023-24/304
Sample Type	DG Insertion Loss Noise
Method of Sampling	IS : 4758 (RA:2017)
Sample Collected By	Aavanira Biotech Pvt. Ltd.
Sample Collected On	08/11/2023
Reporting Date	18/11/2023
Instrument Details	Sound Level Meter, AB/Tech/Instr/223 Calibrated on –10/07/2023 Due On–09/07/2024

Sr. No.	Test Location	DG ON (Open) Door 0.5 Meter away	DG ON (Closed Door 0.5 Meter away)					For Insertion Loss	Unit
			N1	N2	N3	N4	Avg.		
1.	DG Set (750 KVA)	99.9	74.6	74.2	74.3	74.1	74.3	25.6	dB(A)

Statement of Conformity: The acoustic enclosure /acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss for meeting the ambient noise standards, whichever is on higher side. Above results are Complies with MPCB limits

Verified By – Quality Manager

Govt. Analyst

Authorized By – Technical Manager/
Dy. Technical Manager

-----End of Report----

AAVANIRA BIOTECH (P) LTD. ★ PUNE ★