OIC

Ref. No: PSCL/U-II/EC-Compliance/23-24/248

Date: 05.12.2023

To,
The Deputy Director General of Forests (Central),
West Central Zone, Regional Office,
New Secretariat 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-II, Plot No.:C-3,4,5,6,6/1,6/2,7,8,9,10,11,13,33,33/1,33/2 & X-8, 9,10,11,12 MIDC area, Mahad, Dist.- Raigad.

Ref: EC-Environment Department, MS, SEIAA Letter–SIA/MH/IND3/70523/2014 Dated 24.08.2022

Dear Sir,

With reference to the above subject, we herewith submitting 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 condition.

Thanking You,

For Privi Speciality Chemicals Limited, Unit II

Authorized Signature

CC to:

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

PRIVI SPECIALITY CHEMICALS LIMITED UNIT II MIDC MAHAD

05.12.23

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

PRIVI SPECIALITY CHEMICALS LIMITED

Unit - II (EOU) : C-3, 4, 5, 6, 7, 8, 9, 6/1, C-33/1, X-9, X-10, X-11 M.I.D.C., Mahad-402309. Dist. Raigad. (Mah.), India. Tel.: +91 8879228856-60

Knowledge Centre & Regd. Office : Privi House, A-71, TTC, Thane Belapur Road, Near Kopar Khairane Railway Station, Navi Mumbai - 400 710. India | Tel. : +91 22 68713200 / 33043500 / 33043600 / 27783040 / 27783041 / 27783045 Fax: +91 22 27783049 / 68713232 | Email: enquiry@privi.co.in | Web: www.privi.com | CIN: L15140MH1985PLC286828

Compliance Report

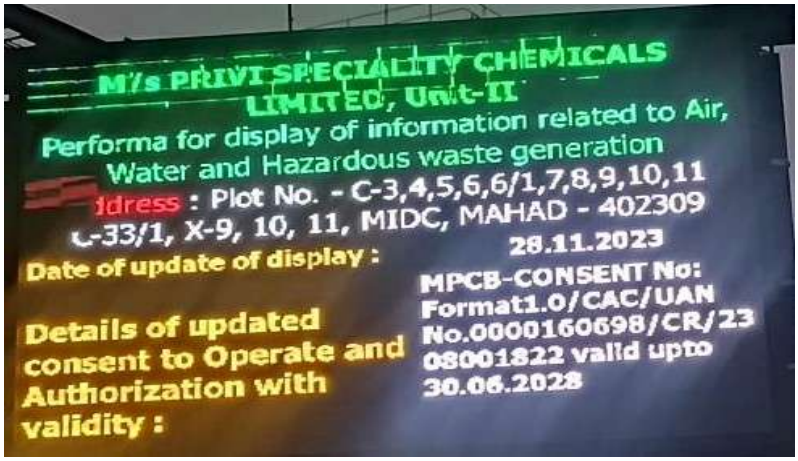
SIA/MH/IND3/70523/2014 dtd. 24.08.2022	Reporting Date: 05.12.2023
Period – Jun. 2023 to Nov. 2023	

Environmental clearance compliance Report for proposed aroma chemical manufacturing in Unit-II on plot No.:C-3,4,5,6,6/1,6/2,7,8,9,10,11,13,33,33/1,33/2 & X-8,9,10,11 & 12 MIDC area, Mahad, Dist.: Raigad by M/s Privi Speciality Chemicals Ltd.

NO.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
1	PP to spend pan CER funds for the conservation and protection of crocodiles observed in the study area in consultation with the competent Authority of Forest Department	Rs. 10 lakhs fund allocated for conservation and protection of crocodiles at Savitri River, Mahad.
2	PP proposes to discharge 98 CMD of treated effluent to the CETP and 302 CMD will be recycled.	CETP discharge 1.5 M3/day & treated water recycled 373 M3/day
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.	3357 M3 treated water Recycled in Utility.
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 68672.50 m2 and green belt provided is 3153.34 m2 i.e. 4.59 %. PP further submitted that, they have provided balance green belt area of 19517.34 m2 i.e.28.42 % 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	SEIAA noted the same. PP to undertake Miyawaki plantation of native and indigenous Oees 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 tire 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  **Attached Annexure I**
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	Always reviewed requirement and complied.

	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.	Preventive maintenance of Pollution Control system (ETP, STP, ESP, Incineration, DG set- acoustic enclosure) conducting on quarterly basis, Calibration of measurement devices/equipment conducting once in a six month. Interlocks provided to incinerator plant. Power Backup provision made for PCS by DG power. Daily monitoring efficiency of PCS. Preventive Maintenance 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 No. P/WC/MH/15/2371 (P431265) obtained and valid up to 31.12.2028.
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 10026976 valid up to 31.12.2023. Safety Audit Conducted in Nov. 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 & lst 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 -2023. And uploaded on Parvesh portal. 2) Six monthly compliance report submitted MPCB, MoEF and copy uploaded on Company Website. 3)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. 875 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: Manager, Executive, Officer, Operator Total = 26 No.
<table>
<tr><th>Sr. No.</th><th>Designation</th><th>Responsibility</th></tr>
<tr><td>1</td><td>Sr.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 Executive</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 under taking activities as laid down by various regulatory agencies from time to time and arranging awareness program among the worker</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</td><td>System provided to stop process activity when the Pollution Control device got failure.</td></tr>
</table>

<table>
<tr><td></td><td>regained.</td><td></td></tr>
<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 - Format1.0/CAC/UAN No. 0000123170/CE/2208000873dtd.18.08.2022
CTO Obtained: Consent No: Format1.0/CAC/UAN No.0000160698/CR/2308001822 dated . 25.08.2023 Consent to Operate under Red Category</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 and effluent drainage are provided. No mixing of both drains at any place.</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 amend 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 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 in Nov 2023 at 20 locations and observed average levels are 69.45 dB (A)Day time and night time 62.11 dB (A) day time, which conform standards prescribed under The Environment (Protection) Act, 1986 & Rules, 1989.
<table>
<tr><th rowspan="2">Sl. No.</th><th rowspan="2">Test Location</th><th colspan="2">Results</th><th rowspan="2">Unit</th></tr>
<tr><th>Day Time</th><th>Night Time</th></tr>
<tr><td>1</td><td>Near Main Gate</td><td>66.2</td><td>60.5</td><td>dB(A)</td></tr>
<tr><td>2</td><td>Near ETP</td><td>65.8</td><td>61.3</td><td>dB(A)</td></tr>
<tr><td>3</td><td>Near Minar Gate</td><td>67.0</td><td>63.4</td><td>dB(A)</td></tr>
<tr><td>4</td><td>Near Material Gate</td><td>69.2</td><td>64.1</td><td>dB(A)</td></tr>
<tr><td>5</td><td>H.W. Area</td><td>70.6</td><td>62.3</td><td>dB(A)</td></tr>
<tr><td>6</td><td>Near Damascone Plant Entrance</td><td>69.8</td><td>62.2</td><td>dB(A)</td></tr>
</table></td></tr>
</table>

		7	Vira Gate	69.9	60.8	dB(A)
		8	Chamundi Gate	72.2	62.7	dB(A)
		9	CST East Side	68.1	59.9	dB(A)
		10	Near CST Sprinkler	71.3	59.2	dB(A)
		11	Near Work Shop	70.5	63.3	dB(A)
		12	Near OHC	69.8	62.7	dB(A)
		13	Near Production Office	69.1	64.0	dB(A)
		14	Near Second Sprinkler	70.2	63.9	dB(A)
		15	Near Main Gate	67.5	59.8	dB(A)
		16	Near DM Plant	70.6	60.1	dB(A)
		17	Coal Store	68.6	62.2	dB(A)
		18	Crusher Area	70.6	63.5	dB(A)
		19	Boiler East Side	70.9	64.0	dB(A)
		20	Near DG	71.2	62.3	dB(A)

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	We have provided certain safety measures as; • All Electrical Fittings – FLP confirming to Class A/B/C • Hydrogen & Hydrocarbon Gas Detectors provided at Cascade, trolley shed, CST storage tanks, MA Cylinder storage area etc. for early detection and warning. • Operations are controlled through DCS- with inbuilt safety interlocks. • Flame Detectors – installed near the hydrogen vent, also Nitrogen & steam snuffing arrangement made near flame arrestor. • 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, Plant shop floor and chemical storage area for early detections and warning.

Sl.N0.	Zone	Location	Smoke/Heat Detector No.
1.	2	UNIT-2 PCC ROOM	U2PCC JB
2.	2	UNIT-2 PCC 1	SD-U2PCC1
3.	2	UNIT-2 PCC 2	SD-U2PCC2
4.	2	UNIT-2 HT BREAKER SIEMENS	SD-BRK1 SIEMENS
5.	2	UNIT-2 HT ROOM RMU ABB	SD-BRK2 ABB
6.	2	CST MCC B TOP	SD-1101 CST MCC

		7.	2	CST MCC C TOP	SD-1102 CST MCC
		8.	2	CST 1st.FLOOR MCC	SD-1103 CST MCC
		9.	2	DHMOL MCC1	SD-101 DHMOL MCC
		10.	2	DHMOL MCC2	SD-102 DHMOL MCC
		11.	2	DHMOL MCC3	SD-103 DHMOL MCC
		12.	2	H2 GENERATION MCC	SD-301 H2 GEN.
		13.	2	PILOT MCC-1	SD-901 PILOT MCC1
		14.	2	PILOT MCC-2	SD-902 PILOT MCC2
		15.	2	ORANGE MCC	SD-801 ORANGE
		16.	2	DAMASCON MCC1	SD-701 DAMAS MCC
		17.	2	DAMASCON MCC2	SD-702 DAMAS MCC
		18.	2	DAMASCON MCC3	SD-703 DAMAS MCC
		19.	2	HYDROGENATION MCC1	SD-201 H2 PLANT
		20.	2	HYDROGENATION MCC2	SD-202 H2 PLANT
		21.	6	JBF Gr.floor-1	SD-U2JBF01
		22.	6	JBF Gr.floor-2	SD-U2JBF02
		23.	6	JBF Gr.floor-3	SD-U2JBF03
		24.	6	JBF Gr.floor-4	SD-U2JBF04
		25.	6	JBF Gr.floor-5	SD-U2JBF05
		26.	6	JBF Gr.floor-6	SD-U2JBF06
		27.	6	JBF Gr.floor-7	SD-U2JBF07
		28.	6	JBF Gr.floor-8	SD-U2JBF08
		29.	6	JBF Gr.floor-9	SD-U2JBF09
		30.	6	Prod. record room	SD-U2JBF010
		31.	6	JBF Raw material-1	SD-JBFRM01
		32.	6	JBF Raw material-2	SD-JBFRM02
		33.	6	JBF 1st floor-1	SD-U2JBF11
		34.	6	JBF 1st floor-2	SD-U2JBF12
		35.	6	JBF 1st floor-3	SD-U2JBF13
		36.	6	JBF 1st floor-4	SD-U2JBF14
		37.	6	JBF 1st floor-5	SD-U2JBF15
		38.	6	JBF 1st floor-6	SD-U2JBF16
		39.	6	JBF 1st floor-7	SD-U2JBF17
		40.	6	JBF 1st floor-8	SD-U2JBF18
		41.	6	Training hall-1	SD-U2TRN11
		42.	6	Training hall-2	SD-U2TRN12
		43.	6	JBF Relay Module for Hooter near Engineering dept.	U2JBFJB
		44.	2	Pilot MCC expansion	SD-903PILOTMCC3
		45.	5	Xerox machine office-1	SD-R&DBL11
		46.	5	Xerox machine office-2	SD-R&DBL12
		47.	5	QA Stability Room	SD-R&DBL13
		48.	5	QC Sulphur analyzer Room	SD-R&DBL14
		49.	5	QC Sample storeroom	SD-R&DBL15
		50.	5	QA Top floor storeroom	SD-R&DBL16
		51.	5	SERVER ROOM R & D BLOCK	SD-U2SRM1 R&D
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 April 2022-March 2023 submitted online on MPCB web portal on 15.09.2023
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 EPAct 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 EPAct.	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), Niw Administrative Building, 1" 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 Sr. 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/IND3/70523/2014 dated 18 Jan 2022. The particulars of the environmental clearance granted to the project are as below.

1.	**EC Identification No.**	**EC22B021MH111364**
2.	**File No.**	SIA/MH/IND3/70523/2014
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 of Synthetic Organic Chemical Manufacturing facility (Expansion & Addition of Aroma Chemicals) by Privi Speciality Chemicals Ltd. (Unit II), Plot no. C-3, 4, 5, 6, 6/1, 6/2, 7, 8, 9, 10, 11, 13 & C-33, C-33/1, 33/2, X -8, 9, 10, 11, 12, C-54, C-55, MIDC 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.

Date: 24/08/2022

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

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/IND3/70523/2014
Environment & Climate Change Department
Room No. 217, 2nd Floor,
Mantralaya, Mumbai- 400032.

To
M/s.Privi Speciality Chemicals Ltd. (Unit II),
Plot no. C-3, 4, 5, 6, 6/1, 6/2, 7, 8, 9, 10, 11, 13 &
C-33, C-33/1, 33/2, X-8, 9, 10, 11, 12, C-54, C-55,
MIDC Mahad, Dist. Raigad.

Subject : Environmental Clearance for proposed expansion of Synthetic Organic Chemical Manufacturing facility (Expansion & Addition of Aroma Chemicals) at Plot no. C-3, 4, 5, 6, 6/1, 6/2, 7, 8, 9, 10, 11, 13 & C-33, C-33/1, 33/2, X-8, 9, 10, 11, 12, C-54, C-55, MIDC Mahad, Dist. Raigad by M/s.Privi Speciality Chemicals Ltd. (Unit II),

Reference : Application no. SIA/MH/IND3/70523/2014

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	Environment Clearance for Proposed expansion of Synthetic Organic Chemical Manufacturing facility (Expansion & Addition of Aroma Chemicals) at Plot No. C-3, 4, 5, 6, 6/1, 6/2, 7, 8, 9, 10,11, 13 & C-33, C-33/1, 33/2, X-8, 9, 10, 11, 12, C-54, C-55, MIDC Mahad, Dist Raigad, Maharashtra by Privi Speciality Chemicals Ltd (Unit II)
2.Type of institution	Private
3.Name of Project Proponent	Privi Speciality Chemicals Ltd. (Unit II) (Formerly known as Privi Organics India Ltd)
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 within existing manufacturing facility

7.If expansion /diversification, whether environmental clearance has been obtained for existing project	Yes. Existing Environmental Clearance letter number SEAC-2012/CR-43/TC-2 Dated 08.10.2015
8.Location of the project	Plot No. C-3, 4, 5, 6, 6/1, 6/2, 7, 8, 9, 10, 11, 13 & C-33, C-33/1, 33/2, X-8, 9, 10, 11, 12, C-54, C-55, MIDC Mahad
9.Taluka	Mahad
10.Village	Birwadi
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 plot plan approval IFMS No.SPA/MHD/D-61279/of'2019, dated 06.11.2019
	IOD/IOA/Concession/Plan Approval Number: MIDC plot plan approval IFMS No.SPA/MHD/D-61279/of'2019, dated 06.11.2019
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Expansion is within existing manufacturing facility.Existing facility is for manufacturing of aroma chemicals
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC approval
15.Total Plot Area (sq. m.)	71552
16.Deductions	--
17.Net Plot area	--
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.): --**
	b) Non FSI area (sq. m.): --
	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: 06-11-2019
19.Total ground coverage	8164.81

(m2)	
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	0
21.Estimated cost of the project	2200000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	DHMOL Plant	G+5	21
2	CST	G+11	45
3	JBF Hall	G+1	12
4	New control room (H2 generaion & Reaction distillation)	G + 1	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	Production plant, Utilities, storage tanks, material sheds, ETP, Admin bldg, R & D, Pilot plant

any	,Incinerator, Thermocouple, 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 quantity	Existing (TPA)	Proposed (TPA)	Total (TPA)
2	Isobornyl cyclohexanol (IBCH)	300	900	1200
3	L/D- Carvone	180	180	360
4	Carvacrol	300	900	1200
5	Orange oil folds	72	72	144
6	D-Limonene	180	1320	1500
7	Myrcene	4800	600	5400
8	Alpha-Campholenic aldehyde	300	156	456
9	Floreol	120	120	240
10	Dihydrocarvone	24	0	24
11	Carvomenthone	5	22	27
12	Menthone	30	329	359
13	Menthol	25	396	421
14	Nimberol	12	12	24
15	Dihydromyrcene	936	2064	3000
16	Sandal fleur	240	0	240
17	Indian sandal Core	0	240	240
18	Sandal Touch	24	0	24
19	Citral extra pure	360	0	360
20	Citronellal	400	320	720
21	Hydroxy Citronellal	20	340	360
22	Cyclocitral (Alpha & Beta mixture)	80	52	132
23	Cyclocitral - Alpha	20	4	24
24	Cyclocitral - Beta	20	4	24
25	Isocitronellene& Isomer	360	0	360

26	Citronellyl nitrile	600	600	1200
27	Damascone-Alpha	0	36	36
28	Damascone-Beta	0	12	12
29	Delta-Damascone,	0	12	12
30	Beta Isodamascoletc	0	72	72
31	Mixture of Terpenes and alcohols 5090	5076	0	5076
32	A-Pinene from CST	19339.92	64.08	19404
33	B-Pinene from CST	6058.32	1.68	6060
34	Limonene from CST	495.84	212.16	708
35	Mixed terpenes/Terpene biofuel from CST (Sr. no. 34, 35, 36)	--	--	--
36	DDTO	3000	600	3600
37	Carene 60,90,98 & others	3280	-964	2316
38	Terpene bio fuel	3008	1492	4500
39	DMS	84	0	84
40	DMDS	12	0	12
41	MSM	12	0	12
42	Mixed Sulphurs compounds	12	0	12
43	A-Pinene from GTO	6444	0	6444
44	B-Pinene from GTO	4008	0	4008
45	Methyl Pentenone	180	0	180
46	Amberfleur	1620	600	2220
47	Ammbergamma	100	20	120
48	Cedarketol	80	-20	60
49	Isoborneol	0	600	600
50	Camphor	0	3000	3000
51	MI for soap	12	12	24
52	Violetone Coeur	24	0	24
53	Timber Touch	40	56	96

54	Timber forte	20	28	48
55	Esters- Product (Sr. no. 53 to 79)	--	--	--
56	Para Tertiary Butyl Cyclo Hexyl Acetate/PTBCH	200	400	600
57	Ortho Tertiary Butyl Cyclohexyl acetate/OTBCH	200	400	600
58	Styrallyl acetate	80	400	480
59	Terpinyl acetate	360	420	780
60	Citronellyl acetate	84	36	120
61	Geranyl acetate	60	0	60
62	Neryl acetate	36	0	36
63	Dimethyl Octanol acetate	24	12	36
64	Isobornyl acetate	424	776	1200
65	Longifolene acetate	12	0	12
66	Mixture of esters 4090	500	100	600
67	2-Methyl Cyclohexyl acetate	0	12	12
68	Ethyl Geranate	0	12	12
69	Isobutyl Geranate	0	12	12
70	Geraniol Tiglates	0	6	6
71	Nerol Tiglates	0	6	6
72	Geraniol angilates	0	6	6
73	Nerolangilates	0	6	6
74	PEME	0	120	120
75	PADMA	0	60	60
76	Geranyl Propionate	0	24	24
77	Citronellyl Propionate	0	12	12
78	Neryl Propionate	0	12	12
79	Phenyl ethyl acetate	0	240	240

80	Linalyl acetate	0	12	12
81	Linalyl Propionate	0	12	12
82	Linalyl Isobutyrate	0	12	12
83	Alcohol-Product (Sr. no. 80 to 88)	--	--	--
84	Citronellol (COL)	460	140	600
85	Geraniol (GOL)	250	-9	241
86	Nerol (NOL)	254	-74	180
87	Terpineol	320	220	540
88	Dihydromyrcenol (DHMOL)	6000	1800	7800
89	Linalool	84	36	120
90	Tetrahydromyrcenol (THMOL)	200	40	240
91	Dimethyl Octanol (Tetrahydrogeraniol)	160	-40	120
92	Terpinen-4-ol (4- Terpineol)	120	1380	1500
93	Rose Oxide	36	144	180
94	Ionone- Product (Sr. no. 90 to 97)	--	--	--
95	Gamma Methyl Ionone (GMI)	280	320	600
96	Normal Methyl Ionone (NMI)	300	60	360
97	Alpha-Ionone (AI) & Ionone 100%	160	200	360
98	Beta Ionone (BI)	60	180	240
99	Beta Ionone Technical	40	200	240
100	Beta Ionone PG	50	190	240
101	Gammanolene	90	-30	60
102	Mixture of Ionones 1090	100	200	300
103	GeaniolFormate	12	0	12
104	Citronellol formate	12	0	12
105	Camphene	12	0	12
106	ISO Longifoline	12	0	12

	Ketone			
107	Prionyl/Privi Moss	120	0	120
108	Rosaxanol/Rose pyran	60	60	120
109	Muganol	12	0	12
110	Super Sandal Core	24	0	24
111	Hydrogen	120	180	300
112	Natemyl Acetate	0	12	12
113	Isojasmone Privi	0	24	24
114	Luzernyl acetate	0	48	48
115	Luzernyl butyrate	0	24	24
116	Luzernyl Isobutyrate	0	24	24
117	Luzernyl Benzoate	0	24	24
118	Citronellidene ketone	0	12	12
119	Navinitrile	0	24	24
120	Berninyl acetate	0	12	12
121	Berninanitrile	0	24	24
122	Valleynate	0	12	12
123	Propicene	0	12	12
124	Maltol Isobutyrate	0	12	12
125	Misirone	0	12	12
126	Ambarate woody	0	12	12
127	Gardeniarate	0	12	12
128	Nerolidol	0	12	12
129	Woodypep	0	24	24
130	Rosacone Alpha & Beta	0	12	12
131	Woodamarate	0	12	12
132	Spicyralein	0	12	12
133	Ethyl Frutynoate	0	12	12
134	LuzernylHexenoate	0	12	12
135	Synfonylal	0	12	12
136	Floroberry	0	12	12
137	Tellal	0	12	12
138	Dihydrotellal	0	12	12
139	Nonadienol	0	12	12

140	Lactonone	0	12	12
141	Technical Ester Mixed	0	12	12
142	Technical odourify compound	0	84	84
143	Isopulygol acetate	0	120	120
144	saturated alcohol	0	120	120
145	Dipentenes Total (Serial No 140 to 147)	--	--	--
146	Terpinolene 90	0	1452	1452
147	1,4-Cineol	0	540	540
148	1,8-Cineol (Eucalyptol)	0	336	336
149	Gamma Terpinene	0	204	204
150	Limonene	0	996	996
151	Terpine Mixture	0	840	840
152	p-Cymene	0	120	120
153	Mixture of alcohol	0	84	84
154	Ammonium sulphate 35 % OR	0	3600	3600
155	Ammonium sulphate	0	2280	2280
156	Chromium sulphate solution OR	0	2220	2220
157	Chromium trihydroxide	0	540	540
158	Acetic acid 30	0	1080	1080
159	Phosphoric acid 30	0	1620	1620
160	Sulphuric acid 25	0	18000	18000
161	Calcium Sulphate OR	0	11400	11400
162	Ferrous Sulphate	0	6000	6000
163	Magnesium sulphate	0	6264	6264
164	Dipentene	0	2148	2148
165	Potassium acetate 40 OR	0	432	432
166	Potassium acetate	0	156	156

167	Sodium Phosphate 10 OR	0	300	300
168	Sodium Phosphate	0	156	156
169	Acetic acid 80	0	2760	2760
170	Sodium acetate 30 OR	0	7320	7320
171	Sodium acetate	0	2304	2304
172	DMF 80	0	324	324
173	IBCH T&B/IBCH Technical	0	360	360
174	Carvone T&B/ Carvacrol Technical	0	1284	1284
175	Menthone/ Menthol Technical	0	948	948
176	HCAL T&B	0	204	204
177	Florol T&B 3029	0	204	204
178	Heavy Fractions / Terpene Biofuel	0	1272	1272
179	Esters T&B 590	0	480	480
180	DHM Terpenes & HB Terpenes	0	2988	2988
181	DHMOL Terpenes & HB alcohol	0	2880	2880
182	Terpenes & HB alcohol	0	480	480
183	Ionones T&B	0	564	564
184	SF T& B	0	144	144
185	Pine HB	0	612	612
186	Ambery T&B 910	0	276	276
187	CitroT&B	0	216	216
188	Calcogol T & B 509	0	120	120
189	Terpenes 950 (Pine 10 technical)	0	60	60
190	DHP	0	84	84
191	Sodium Sulphate	0	2280	2280

192	Potassium sulphate	0	24	24
193	Camphor Oil	0	84	84
194	Camphor Pitch	0	264	264
195	Electricity Generation	4 MW	0	4 MW
196	Recovery of Concentrated Sulphuric acid	48 TPD	12 TPD	60 TPD

32.Total Water Requirement

Dry season:	**Source of water**	MIDC
	Fresh water (CMD):	1975
	Recycled water - Flushing (CMD):	302
	Recycled water - Gardening (CMD):	35
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD):	2277
	Fire fighting - Underground water tank(CMD):	2 nos. of 350
	Fire fighting - Overhead water tank(CMD):	1000 & 850
	Excess treated water	NA
Wet season:	**Source of water**	MIDC
	Fresh water (CMD):	1940
	Recycled water - Flushing (CMD):	302
	Recycled water - Gardening (CMD):	35
	Swimming pool make	NA

	up (Cum):	
	Total Water Requirement (CMD):	2242
	Fire fighting - Underground water tank(CMD):	2 nos. of 350
	Fire fighting - Overhead water tank(CMD):	1000 & 850
	Excess treated water	NA
Details of Swimmingpool (If any)	Not applicable	

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	49	0	49	14	0	14	35	0	35
Industrial Process	185	53	238	102	-92	10	83	145	228
Cooling tower & thermopack	686	1269	1955	665	1153	1818	21	116	137
Gardening	35	0	35	35	0	35	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Groundwater table:**	--
	Size and no of RWH tank(s) and Quantity:	2 nos of underground Tanks
	Location of the RWH tank(s):	Within the plot
	Quantity of rechargepits:	--
	Size of recharge pits :	--

	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	--
	Details of UGT tanks if any :	2 nos. of 350 KL & 1000 KL
35.Storm water drainage	**Natural water drainage pattern:**	--
	Quantity of storm water:	--
	Size of SWD:	0.3 x 0.4 m, 0.45 x 0.75 m
Sewage and Waste water	**Sewage generation in KLD:**	35 cmd
	STP technology:	40 cmd - ASP
	Capacity of STP (CMD):	40 cmd
	Location & area of the STP:	within plot
	Budgetary allocation (Capital cost):	--
	Budgetary allocation (O & M cost):	Rs. 5 Lakh
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 of as per norms.
	Dry waste:	Insulation Waste: 6 TPA, MS scrap: 204 TPA, Other waste (wood, Paper , glass, decontaminated plastic etc): 240 TPA, Boiler ash:5760 TPA , Thermopack Ash-66 TPA, Canteen waste: 19.2 TPA, Biosludge-480 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 wastewater treatment, Sludge from concentration technique (MEE), Spent Solvent, Distillation Residue, Spent Carbon/Charcoal, Recovered Catalyst/Spent Catalyst, Process Waste, Resin, Filter pads/Bags
	Biomedical waste (If applicable):	0.06 Kg/M
	STP Sludge (Drysludge):	250 kg/day
	Others if any:	E waste: 1500 Kg/A, Lead acid batteries: 500 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):	Authorized BMW disposal facility
	STP Sludge (Drysludge):	--
	Others if any:	E-Waste will be disposed off to authorized recycler
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:**	Rs. 10 Lakhs
	O & M cost:	Rs. 50 Lakhs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	---	4-6	5.5-9	5.5-9
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):		400			
Capacity of the ETP:		ETP followed by RO (500 cmd capacity)			
Amount of treated effluent recycled :		302 cmd			
Amount of water send to the CETP:		98 cmd			
Membership of CETP (if require):		Yes			
Note on ETP technology to be used		Oil & Grease trap > Equalization tank > Primary clarifier > Aeration tank >Secondary clarifier > Tertiary clarifier> Carbon filter > UF < RO plant > ROreject to MEE > ATFD (proposed)			
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	6	6	12	Sale to authorized Preprocessor
2	Waste contaminated with oil (cotton/gaskets/ insulation materials)	5.2	Kg/A	1800	2400	4200	CHWTSDF
3	Drums/ Barrels	33.1	Nos/A	2412	1188	3600	Sale to authorized party
4	IBC's	33.1	Nos/A	300	1500	1800	Sale to authorized party
5	Carboys	33.1	Nos/A	600	1200	1800	Sale to authorized party
6	Chemical sludge form waste water treatment	35.3	TPA	480	24	504	CHWTSDF
7	ETP Oil/Skimmed Oil	35.4	TPA	0	240	240	CHWTSDF or Sale to authorized party/Burn as fuel in Boiler
8	Sludge from concentration						CHWTSDF or Sale to

	technique (MEE)	36.1	TPA	568.8	511.2	1080	authorized party
9	Discarded Asbestos	15.2	Kg/A	99.6	8.4	108	Sale to authorized party
10	Spent Catalyst/Recovered Catalyst	1.6	TPA	6	150	156	CHWTSDF or Sale to authorized party
11	Carbon/Charcoal	36.2	TPA	26.4	21.6	48	CHWTSDF or Sale to authorized party
12	Silica / Molecular Sieves	1.6	TPA	26.4	-2.4	24	CHWTSDF or Sale to authorized party
13	Process Waste	20.4	TPA	0	420	420	CHWTSDF or Sale to authorized party
14	Resin	--	TPA	1.2	58.8	60	CHWTSDF or Sale to authorized party
15	Ash from Incinerator	37.2	TPA	0	360	360	CHWTSDF or Sale to authorized party
16	Distillation Residue/White Oil Residue	20.3	TPA	0	1212	1212	Use as Fuel or Sale to authorized party or CHWTSDF
17	Filter pads/Bags/Liners	36.2	TPA	0	2400	2400	CHWTSDF
18	E waste	--	Kg/A	684	0	684	Sale to authorized party
19	Lead acid batteries	--	Nos/A	360	0	360	Sale to authorized party
20	Mix of salts	--	TPA	0	1668	1668	CHWTSDF or Sale to authorized party

21	Zinc bromide solution	--	TPA	0	72	72	CHWTSDF or Sale to authorized party
22	MEK & Methanol recovered	20.2	TPA	0	1368	1368	Recycle or Reuse or Sale to authorized party or CHWTSDF
23	Mix MEK+ Butanol/Acetone +IPA recovered	20.2	TPA	1503.36	1268.64	2772	Recycle or Reuse or Sale to authorized party or CHWTSDF
24	Recovered 2-Butanol	20.2	TPA	0	6	6	Recycle or Reuse or Sale to authorized party or CHWTSDF
25	Recovered Cyclohexane/EDC	20.2	TPA	0	528	528	Recycle or Reuse or Sale to authorized party or CHWTSDF
26	Recovered Cyclohexane	20.2	TPA	0	1920	1920	Recycle or Reuse or Sale to authorized party or CHWTSDF
27	Recovered Ethyl alcohol	20.2	TPA	0	36	36	Recycle or Reuse or Sale to authorized party or CHWTSDF
28	Recovered IPA	20.2	TPA	161.04	1398.96	1560	Recycle or Reuse or Sale to authorized party or CHWTSDF
29	Recovered Isobutyl alcohol	20.2	TPA	0	0.72	0.72	Recycle or Reuse or Sale to authorized party or CHWTSDF
30	Recovered Methanol	20.2	TPA	208.92	1951.08	2160	Recycle or Reuse or Sale to authorized party or CHWTSDF

31	Recovered MPK	20.2	TPA	111.12	152.88	264	Recycle or Reuse or Sale to authorized party or CHWTSDF
32	Recovered Pet Ether	20.2	TPA	0	288	288	Recycle or Reuse or Sale to authorized party or CHWTSDF
33	Recovered Pet Ether & THF	20.2	TPA	0	24	24	Recycle or Reuse or Sale to authorized party or CHWTSDF
34	Recovered Toluene	20.2	TPA	1113.24	290.76	1404	Recycle or Reuse or Sale to authorized party or CHWTSDF
35	Recovered Triethylamine	20.2	TPA	345	15	360	Recycle or Reuse or Sale to authorized party or CHWTSDF
36	2-Butanol / Isopropyl alcohol (IPA) (Separated from MEK +Butanol mix	20.2	TPA	0	1008	1008	Recycle or Reuse or Sale to authorized party or CHWTSDF
37	Sodium Sulphide/SMM/Sodium Hydrogen Sulphide solution	20.2	TPA	3009.6	2.4	3012	Recycle or Reuse or Sale to authorized party or CHWTSDF
38	Recovered Acetone	20.2	TPA	0	12	12	Recycle or Reuse or Sale to authorized party or CHWTSDF
39	Recovered Butanol	20.2	TPA	0	24	24	Recycle or Reuse or Sale to authorized party or CHWTSDF
40	Recovered EDC	20.2	TPA	72.96	35.04	108	Recycle or Reuse or Sale to authorized

							party or CHWTSDF
41	Recovered Xylene	20.2	TPA	0	36	36	Recycle or Reuse or Sale to authorized party or CHWTSDF
42	Spent Solvent	20.2	TPA	0	36	36	Recycle or Reuse or Sale to authorized party or CHWTSDF
43	THF recovered	20.2	TPA	0	228	228	Recycle or Reuse or Sale to authorized party or CHWTSDF
44	Recovered Heptane	20.2	TPA	0	12	12	Recycle or Reuse or Sale to authorized party or CHWTSDF
45	Aluminium Chloride Solution	20.2	TPA	0	48	48	Recycle or Reuse or Sale to authorized party or CHWTSDF
46	Aniline recovered	--	TPA	0	156	156	Recycle or Reuse or Sale to authorized party or CHWTSDF
47	Dione Residue	--	TPA	0	60	60	Recycle or Reuse or Sale to authorized party or CHWTSDF
48	Hydrochloric acid solution (18-22%)	--	TPA	0	480	480	Recycle or Reuse or Sale to authorized party or CHWTSDF
49	Phosphoric acid layer	--	TPA	4.8	7.2	12	Recycle or Reuse or Sale to authorized party or CHWTSDF

50	Prionyl Residue /Distillation Residue (HaZ Waste)	--	TPA	0	24	24	Recycle or Reuse or Sale to authorized party or CHWTSDF
51	Recovered Barium hydroxide	--	TPA	12	108	120	Recycle or Reuse or Sale to authorized party or CHWTSDF
52	Recovered Butyric acid	--	TPA	0	24	24	Recycle or Reuse or Sale to authorized party or CHWTSDF
53	Recovered Isobutyric acid	--	TPA	0	12	12	Recycle or Reuse or Sale to authorized party or CHWTSDF
54	Sodium Borate	--	TPA	0	12	12	Sale to authorized party or CHWTSDF
55	Sodium Chloride salt	--	TPA	0	72	72	Sale to authorized party or 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	6 TPH Boiler II(Removed)	Coal - 22.5 TPD	1	30	0.5	180
2	8 TPH Boiler III	Coal - 22.5 TPD	2	42	1.3	180
3	18 TPH Boiler IV	Coal – 50 TPD	3	46 (common stack)	2	180
4	15 TPH Boiler V	Coal -40 TPD	3	46 (common stack)	2	180

5	6 TPH Boiler I	FO/ Terpene Biofuel/Column Bottom mass (Residue): 4.2 KLPD/5.09 KLPD	3	46 (comm on stack)	2	180
6	750 KVA DG set	HSD - 60 Lit/hr	4	12	0.177	185
7	1000 KVA DG set	HSD - 80 Lit/hr	5	12	0.177	185
8	625 KVA DG set	HSD - 60 Lit/hr	6	12	0.177	185
9	125 KVA DG set	HSD - 15 Lit/hr	7	12	0.177	185
10	380 KVA DG set	HSD - 45 Lit/hr	8	12	0.177	185
11	100 kg/Hr Incinerator - I	HSD – 240 Lit/day	9	30	0.25	160
12	6 Lkcal/Hr Thermic Fluid Heater I	FO / Biofuel: 0.55 KLPD/0.81 KLPD	10	30	0.25	160
13	50 Lac kcal/Hr Thermic Fluid Heater II (Proposed)	Coal - 35 TPD	11	45	1	200
14	Pyro 101- 1500 LPH Pyro 201- 1500LPH Pyro 301- 1200 LPH Pyro 401- 1200 LPH Pyro 501- 1200 LPH (Proposed)	FO/Terpene Biofuel- 265 Kg/hr	12	27	0.3	160
15	2 Lkcal/Hr (Oil Fired), 2 Lkcal/Hr (Oil Fired), 1 Lkcal/Hr (Oil Fired) N2 Heater vent 1,2,3 (Proposed)	2 Lac kcal/hr each (Electrical heating) – 70KW X3 & 30KW X1	13	27	0.3	200
16	Scrubber vent 1, 2,3,4,5,6,7 (Proposed)	--	14	10	0.2	--
17	20 TPH Boiler ((Proposed Standby)	FO/ Terpene Biofuel/Colum n Bottom mass (Residue)- 30 MT/Day	15	46	2	140

18	60 TPH Boiler in place of existing 30TPH Boiler (Proposed)	Coal- 220 TPD	16	53	1.8	180
19	Solid - 83 kg/Hr Liquid- 125 kg/Hr Gas- 250 Kg/Hr Incinerator – II (Proposed)	FO/HSD/ Terpene Biofuel- 120 kg/hr	17	35	0.55	100
20	2 x 500 KVA DG sets	HSD - 100 Lit/hr (for both)	18	12	0.177	185
21	2 x 1000 KVA DG set (Proposed)	HSD-100 Lit/hr	19	12	0.177	185

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	135 TPD	250 TPD	390 TPD
2	Furnace Oil / and	4.75 KLD	35.53 KLD	40.28 KLD
3	Terpene Biofuel /and	5.9 KLD	39.24 KLD	45.14 KLD
4	Colum bottom mass	0	4 KLD	4 KLD
5	HSD	485 Lit/ Hr	200 Lit/Hr	685 Lit/Hr
41.Source of Fuel		Nearby source		
42.Mode of Transportation of fuel to site		By Road		

43.Green Belt Development	**Total RG area :**	Green Belt within plot- 5047.77 sq. m & Green Belt within MIDC OS plot- 18565 sq. m
	No of trees to be cut:	Nil
	Number of trees to be planted:	5000 Nos (approx) (2021 nos already planted)
	List of proposed native trees :	Refer below
	Timeline for completion of plantation :	2 year

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	as per green belt development	Fast Growing, Evergreen, Round

2	Kokam	Garcinia indica	as per green belt development	Fast Growing, Evergreen, Round
3	Kaju	Anacardium occidentale	as per green belt development	Fast Growing, Evergreen, Oblong
4	Mango	Mangifera indica	as per green belt development	Fast Growing, Evergreen, Conical/ Rounded
5	Avala	Phyllanthus emblica	as per green belt development	Fast Growing, Evergreen, Round/ oblong
6	Fanas	Artocarpus heterophyllus	as per green belt development	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	DG Set 500 KVA
	During Operation phase (Connected load):	175 MVA
	During Operation phase (Demand load):	175 MVA
	Transformer:	--
	DG set as Power back-up during operation	DG Set- Existing: 750 KVA,1000 KVA, 625 KVA, 125 KVA,380 KVA. Proposed: 2 x 1000 KVA , 2x500 KVA,

	phase:	
	Fuel used:	HSD (Diesel)
	Details of high tension line passing through the plot if any:	--

48.Energy saving by non-conventional method:

--

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar panel within site	180 KW
2	Solar power plant (offsite)	5.5 MW

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air pollution	Stack, ESP, Scrubber	ESP, Scrubber
Water pollution	ETP, RO, MEE, STP	ATFD
Nosie Pollution	Acoustic enclosure, Silencer	--
Hazardous waste	Recycle/Disposal to CHWTSDF/ Sale to authorized party	--

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 1104 Lakhs
	O & M cost:	Rs. 328 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	15

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, Process, DG Set,	600	20
2	Environmetal Monitoring	Regular Monitoring	15	7
3	Water Pollution Control	ETP, RO, MEE, ATFD, STP	315	185
4	Hazardous Waste and Solid waste mangement	Storage and Disposal	10	50
5	Green Belt Development	Development and maintenance of green belt	15	10
6	Occupational health and safety	PPE, Safety tranining	20	50
7	Solar panel within site	Rooftop solar panel	114	6

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Acetic acid	---	1X 20 KL	20 KL	20 KL	---	Nearby Source	By Road
Phosphoric acid	---	1X 10 KL	10 KL	10 KL	---	Nearby Source	By Road
Acetic anhydride	---	1X30 KL	30 KL	30 KL	---	Nearby Source	By Road
Citral	---	2X30 KL,1X70 KL	130 KL	130 KL	---	Nearby Source	By Road
Alpha Pinene	---	3X200KL,1X450 KL	1050 KL	1050 KL	---	Nearby Source	By Road

MEK	---	2X18 KL	36 KL	36 KL	---	Nearby Source	By Road
METHANOL	---	1X18 KL,1X30 KL	48 KL	48 KL	---	Nearby Source	By Road
TOLUENE	---	1X18 KL	18 KL	18 KL	---	Nearby Source	By Road
Sulphuric acid	---	1X30 KL,1X20 KL	50 KL	50 KL	---	Nearby Source	By Road
Caustic lye	---	1X30 KL	30 KL	30 KL	---	Nearby Source	By Road
OTBP/Beta Ionone	---	2X25 KL	50 KL	50 KL	---	Nearby Source	By Road
Pseudo Ionone	---	1X30 KL	30 KL	30 KL	---	Nearby Source	By Road
Aniline	---	1X10 KL	10 KL	10 KL	---	Nearby Source	By Road
Petroleum Ether	---	2X25 KL	50 KL	50 KL	--	Nearby Source	By Road
% Hydrogen Peroxide	---	1X20 KL	20 KL	20 KL	--	Nearby Source	By Road
Liquid Ammonia	---	1X8 KL,1X20 KL	28 KL	28 KL	--	Nearby Source	By Road
90% Sulphuric acid	---	1X5 KL,1X3	8 KL	8 KL	--	Nearby Source	By Road
70% Sulphuric acid	---	1X30 KL	30 KL	30 KL	--	Nearby Source	By Road
GTO	---	1X130 KL	130 KL	130 KL	--	Nearby Source	By Road
CST	---	1X600,3X850 KL	3150 KL	3150 KL	--	Nearby Source	By Road
F.O.	---	1X30 KL,1X8 KL	38 KL	38 KL	--	Nearby Source	By Road
BETA PINENE	---	1X300 KL	300 KL	300 KL	--	Nearby Source	By Road
DHMOL	---	4X30 KL,1X70 KL	190 KL	190 KL	--	Nearby Source	By Road
Terpene Biofuel	---	1X300 KL	300 KL	300 KL	--	Nearby Source	By Road

DDTO	---	1X300 KL	300 KL	300 KL	--	Nearby Source	By Road
DIPENTENE	---	2 X20 KL	40 KL	40 KL	--	Nearby Source	By Road
DHM CRUDE	---	2X125 KL	250 KL	250 KL	--	Nearby Source	By Road
ALPHA PINENE	---	1X130 KL, 1X 200 KL	320 KL	320 KL	--	Nearby Source	By Road
DMS	---	1X15 KL	15 KL	15 KL	--	Nearby Source	By Road
GPMI	---	1X30 KL	30 KL	30 KL	--	Nearby Source	By Road
GMI	---	1X30 KL	30 KL	30 KL	--	Nearby Source	By Road
CIS PINANE	---	1X225KL,1X47 KL, 1X30 KL	202 KL	202 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 of podia:	--
	Total Parking area:	8000.24 sq.m (offsite)
	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	19-02-2018

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 98 CMD of treated effluent to the CETP and 302 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 68672.50 m2 and green belt provided is 3153.34 m2 i.e. 4.59 %. PP further submitted that, they have provided balance green belt area of 19517.34 m2 i.e.28.42 % 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.
2. SEIAA noted the same.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 6:05:06 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/CAC/UAN No.0000160698/CR/2308001822

Date: 25/08/2023

To,
M/s Privi Speciality Chemicals Limited (Unit-II)
C-3,4,5,6,6/1,6/2,7,8,9,10,11,13 &
C-33,33/1,33/2,X-8,9,10,11,12, MIDC Mahad
Mahad,Raigad-Raigad

Your Service is Our Duty

Sub: Grant of 2nd Consent to Operate with renewal of existing consent to operate under Red/LSI

Ref:

1. Consent to Operate granted vide No. Format1.0/CAC/UAN No.0000147317/CO/2212000918 dated 13/12/2022
2. Consent to Establish (Expansion) granted vide No. Format1.0/CAC/UAN No.0000123170/CE/2208000873 dated 18/8/2022
3. Environmental Clearance accorded vide No. EC22B021MH111364 dated 24/8/2022
4. Minutes of Consent Appraisal Committee meeting dated 07/7/2023

Your application No.MPCB-CONSENT-0000160698 Dated 28.01.2023

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 and Rule 18(7) 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 renewal is granted for a period up to 30/06/2028**
2. **The capital investment of the project is Rs.718.2447 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 374.02 Crs + Expansion in C.I. – Rs. 344.2247 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	Isobornyl cyclohexanol (IBCH)	600	600	1200	MT/A
2	L/D- Carvone	180	180	360	MT/A
3	Carvacrol	300	900	1200	MT/A
4	Orange oil folds	72	72	144	MT/A
5	D-Limonene	180	1320	1500	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
6	Myrcene	4800	600	5400	MT/A
7	Alpha-Campholenic aldehyde	300	156	456	MT/A
8	Floreol	120	120	240	MT/A
9	Dihydrocarvone	24	0	24	MT/A
10	Carvomenthone	5	22	27	MT/A
11	Menthone	30	329	359	MT/A
12	Menthol	25	396	421	MT/A
13	Nimberol	12	12	24	MT/A
14	Dihydromyrcene	936	2064	3000	MT/A
15	Sandal fleur	240	0	240	MT/A
16	Indian sandal Core	180	60	240	MT/A
17	Sandal Touch	24	0	24	MT/A
18	Citronellal	600	120	720	MT/A
19	Hydroxy Citronellal	20	340	360	MT/A
20	Cyclocitral (Alpha & Beta mixture)	80	52	132	MT/A
21	Cyclocitral -Alpha	20	4	24	MT/A
22	Cyclocitral -Beta	20	4	24	MT/A
23	Isocitronellene & Isomer	360	0	360	MT/A
24	Citronellyl nitrile	600	600	1200	MT/A
25	Damascone-Alpha	18	18	36	MT/A
26	Damascone-Beta	0	12	12	MT/A
27	Delta-Damascone,	0	12	12	MT/A
28	Beta Isodamascol	60	12	72	MT/A
29	Mixture of Terpenes and alcohols 5090#	5076	0	5076	MT/A
30	A-Pinene from CST	19340	64	19404	MT/A
31	B-Pinene from CST	6058	2	6060	MT/A
32	Limonene from CST	496	212	708	MT/A
33	DDTO	3000	600	3600	MT/A
34	Carene varities 60,90,98	2316	0	2316	MT/A
35	Terpene bio fuel	3008	1492	4500	MT/A
36	DMS	84	0	84	MT/A
37	DMDS	12	0	12	MT/A
38	MSM	12	0	12	MT/A
39	Mixed Sulphurs compounds	12	0	12	MT/A
40	A-Pinene from GTO	6444	0	6444	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
41	B-Pinene from GTO	4008	0	4008	MT/A
42	Methyl Pentenone (MPO)	180	0	180	MT/A
43	Cedarketol	60	0	60	MT/A
44	Isoborneol	600	0	600	MT/A
45	Camphor	2400	600	3000	MT/A
46	MI for soap	12	12	24	MT/A
47	Violetone Coeur	24	0	24	MT/A
48	Timber Touch	96	0	96	MT/A
49	Timber forte	48	0	48	MT/A
50	Para Tertiary Butyl Cyclo Hexyl Acetate/PTBCH	200	400	600	MT/A
51	Ortho Tertiary Butyl Cyclohexyl acetate/OTBCH	200	400	600	MT/A
52	Styrallyl acetate	80	400	480	MT/A
53	Terpinyl acetate	780	0	780	MT/A
54	Citronellyl acetate	84	36	120	MT/A
55	Geranyl acetate	60	0	60	MT/A
56	Neryl acetate	36	0	36	MT/A
57	Dimethyl Octanol acetate	24	12	36	MT/A
58	Longifolene acetate	12	0	12	MT/A
59	Mixture of esters 4090	500	100	600	MT/A
60	2-Methyl Cyclohexyl acetate	0	12	12	MT/A
61	Ethyl Geranate	0	12	12	MT/A
62	Isobutyl Geranate	0	12	12	MT/A
63	Geraniol Tiglates	0	6	6	MT/A
64	Nerol Tiglates	0	6	6	MT/A
65	Geraniol angilates	0	6	6	MT/A
66	Nerol angilates	0	6	6	MT/A
67	PEME	0	120	120	MT/A
68	PADMA	0	60	60	MT/A
69	Geranyl Propionate	0	24	24	MT/A
70	Citronellyl Propionate	0	12	12	MT/A
71	Neryl Propionate	0	12	12	MT/A
72	Phenyl ethyl acetate	0	240	240	MT/A
73	Linalyl acetate	0	12	12	MT/A
74	Linalyl Propionate	0	12	12	MT/A
75	Linalyl Isobutyrate	0	12	12	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
76	Citronellol (COL)	460	140	600	MT/A
77	Geraniol (GOL)	241	0	241	MT/A
78	Nerol (NOL)	180	0	180	MT/A
79	Dihydromyrcenol (DHMOL)	7800	0	7800	MT/A
80	Linalool	84	36	120	MT/A
81	Tetrahydromyrcenol (THMOL)	200	40	240	MT/A
82	Dimethyl Octanol (Tetrahydrogeraniol)	120	0	120	MT/A
83	Terpinen-4-ol (4-Terpineol)	720	780	1500	MT/A
84	Rose Oxide	180	0	180	MT/A
85	Gamma Methyl Ionone (GMI)	280	320	600	MT/A
86	Normal Methyl Ionone (NMI)	300	60	360	MT/A
87	Alpha-Ionone (AI) & Ionone 100%	160	200	360	MT/A
88	Beta Ionone (BI)	60	180	240	MT/A
89	Beta Ionone Technical	160	80	240	MT/A
90	Beta Ionone PG	160	80	240	MT/A
91	Gammanolene	60	0	60	MT/A
92	Mixture of Ionones 1090	180	120	300	MT/A
93	Geaniol Formate	12	0	12	MT/A
94	Citronellol Formate	12	0	12	MT/A
95	Camphene	12	0	12	MT/A
96	ISO Longifoline Ketone	12	0	12	MT/A
97	Prionyl/Privi Moss	120	0	120	MT/A
98	Rosaxanol/Rosepyran	60	60	120	MT/A
99	Muganol	12	0	12	MT/A
100	Super Sandal Core	24	0	24	MT/A
101	Hydrogen	240	60	300	MT/A
102	Natemyl Acetate	12	0	12	MT/A
103	Isojasmone Privi	12	12	24	MT/A
104	Luzernyl acetate	0	48	48	MT/A
105	Luzernyl butyrate	12	12	24	MT/A
106	Luzernyl Isobutyrate	12	12	24	MT/A
107	Luzernyl Benzoate	12	12	24	MT/A
108	Citronellidene ketone	12	0	12	MT/A
109	Navinitrile	12	12	24	MT/A
110	Berninyl acetate	0	12	12	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
111	Berninanitrile	0	24	24	MT/A
112	Valleynate	12	0	12	MT/A
113	Propicene	0	12	12	MT/A
114	Maltol Isobutyrate	12	0	12	MT/A
115	Misirone	0	12	12	MT/A
116	Ambarate woody	0	12	12	MT/A
117	Gardeniarate	0	12	12	MT/A
118	Nerolidol	0	12	12	MT/A
119	Woodypep	0	24	24	MT/A
120	Rosacone Alpha & Beta	0	12	12	MT/A
121	Woodamarate	0	12	12	MT/A
122	Spicyralein	6	6	12	MT/A
123	Ethyl Frutynoate	0	12	12	MT/A
124	Luzernyl Hexenoate	6	6	12	MT/A
125	Synfonylal	0	12	12	MT/A
126	Floroberry	0	12	12	MT/A
127	Tellal	0	12	12	MT/A
128	Dihydrotellal	0	12	12	MT/A
129	Nonadienol	0	12	12	MT/A
130	Lactonone	12	0	12	MT/A
131	Terpineol	320	220	540	MT/A
132	Technical Ester Mixture	0	12	12	MT/A
133	Technical Odourify compound	0	84	84	MT/A
134	Isopulygol Acetate	0	120	120	MT/A
135	Saturated Alcohol	0	120	120	MT/A
136	Terpinolene 90	0	1452	1452	MT/A
137	1,4-Cineol	172	368	540	MT/A
138	1,8-Cineol (Eucalyptol)	107	229	336	MT/A
139	Gamma terpinene	65	139	204	MT/A
140	Limonene	318	678	996	MT/A
141	Terpine Mixture	268	572	840	MT/A
142	p-Cymene	39	81	120	MT/A
143	Citral extra pure	360	0	360	MT/A
144	Amberfleur	1620	600	2220	MT/A
145	Ammbergamma	100	20	120	MT/A

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
146	Isobornyl acetate	1200	0	1200	MT/A
147	Mixture of alcohol	28	56	84	MT/A
148	Dipentene	2148	0	2148	MT/A
149	IBCH T&B/IBCH Technical	180	180	360	MT/A
150	CarvoneT&B/ Carvacrol Technical	400	884	1284	MT/A
151	Menthone/ Menthol Technical	66	882	948	MT/A
152	HCAL T&B	12	192	204	MT/A
153	Florol T&B 3029	108	96	204	MT/A
154	Heavy Fractions/Terpene Biofuel	312	960	1272	MT/A
155	Esters T&B 590	404	76	480	MT/A
156	DHM Terpenes & HB Terpenes	2988	0	2988	MT/A
157	DHMOL Terpenes & HB alcohol	2880	0	2880	MT/A
158	Terpenes & HB alcohol	216	264	480	MT/A
159	Ionones T&B	339	225	564	MT/A
160	SF T& B	144	0	144	MT/A
161	PINE HB	528	84	612	MT/A
162	Cyclodemol/Cyclamen aldehyde	0	30	30	MT/A
163	Ambery T&B 910	214	62	276	MT/A
164	CitroT&B	216	0	216	MT/A
165	Calcogol T & B 509	99	21	120	MT/A
166	Terpenes 950 (Pine 10 technical)	60	0	60	MT/A
167	DHP	48	36	84	MT/A
168	Camphor Oil	60	24	84	MT/A
169	Camphor Pitch	216	48	264	MT/A
170	Electricity Generation	4	0	4	MW
171	Recovery of Concentrated Sulphuric acid	60	0	60	Ton/D

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	365	As per Schedule-I	Partly recycle 302 CMD & partly CETP 98 CMD
2.	Domestic effluent	35	As per Schedule-I	Treated sewage water sent to ETP followed by RO

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 II (6 TPH- Standby)	1	As per Schedule -II
2	S-2	Boiler -IV (18 TPH) , Boiler -V (15 TPH), Boiler -I (20 TPH) - Standby for 60 TPH.	1	As per Schedule -II
3	S-3	Boiler (60 TPH)	1	As per Schedule -II
4	S-4	Thermic fluid Heater-I (6 Lakh kCal/hr)	1	As per Schedule -II
5	S-5	Thermic fluid Heater-II (50 Lakh kCal/hr)	1	As per Schedule -II
6	S-6	Incinerator-I (100 Kg/hr)	1	As per Schedule -II
7	S-7	Incinerator-II (Gas -250 Kg/hr , Liquid-125 Kg/hr, Solid 83 Kg/day)	1	As per Schedule -II
8	S-8	Pyrolyser 4001 (1500 kg/hr)	1	As per Schedule -II
9	S-9	Pyrolyser 4002 (1500 kg/hr)	1	As per Schedule -II
10	S-10	Pyrolyser 4003 (1200 kg/hr)	1	As per Schedule -II
11	S-11	Pyrolyser 4004 (1200 kg/hr)	1	As per Schedule -II
12	S-12	DG SET (750 KVA)	1	As per Schedule -II
13	S-13	DG SET (125 KVA)	1	As per Schedule -II
14	S-14	DG SET (625 KVA)	1	As per Schedule -II
15	S-15	DG SET (380 KVA)	1	As per Schedule -II
16	S-16	DG SET (1000 KVA)	1	As per Schedule -II
17	S-17	DG SET (1000 KVA)	1	As per Schedule -II
18	S-18	DG SET (1000 KVA)	1	As per Schedule -II
19	S-19	DG SET (1000 KVA)	1	As per Schedule -II
20	S-20	Boiler -III (8 TPH)	1	As per Schedule -II
21	S-21	Scrubber -I (Process scrubber)	1	As per Schedule -II
22	S-22	Scrubber -II (Process scrubber)	1	As per Schedule -II
23	S-23	Scrubber -III (Process scrubber)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Insulation Material	6	MT/A	Sale	Sale to authorized party
2	MS scrap	204	MT/A	Sale	Sale to authorized party
3	Wood, Paper, glass, decontaminated plastic etc	240	MT/A	Sale	Sale to authorized party
4	Thermo pack Ash	66	MT/A	Sale	Sale to Brick Manufacturer
5	Canteen waste	19.2	MT/A	Composting	Used as mannure
6	Bio Sludge	480	MT/A	Incineration	Burn as fuel in boiler
7	Boiler ash	5760	MT/A	Sale	Sale to brick manufacturing /Landfill

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for Collection, Segregation, Storage, Transportation, Treatment and Disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	5.1 Used or spent oil	12	MT/A	Recycle	Sale to authorised party
2	5.2 Wastes or residues containing oil	4.200	MT/A	Incineration	CHWTSDF
3	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	3600	Nos./Y	Recycle or Reuse or Sale	Recycle or Reuse or Sale to authorized party or CHWTSDF
4	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1800	Nos./Y	Recycle or Reuse or Sale	Recycle or Reuse or Sale to authorized party or CHWTSDF
5	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	1800	Nos./Y	Recycle	Sale to authorised party
6	35.3 Chemical sludge from waste water treatment	504	MT/A	Landfill	CHWTSDF
7	35.4 Oil and grease skimming	240	MT/A	Recycle or Reuse or Sale	Recycle or Reuse or Sale to authorized party or CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
8	37.3 Concentration or evaporation residues	1080	MT/A	Landfill	CHWTSDF
9	15.2 Discarded asbestos	0.108	MT/A	Landfill	CHWTSDF
10	Recovered Catalyst /Spent Catalyst	156	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
11	28.3 Spent carbon	48	MT/A	Incineration	CHWTSDF
12	Silica/Molecular Sieves	24	MT/A	Incineration/ Recycle*	Sale to authorized party or CHWTSDF
13	20.4 Process Sludge	420	MT/A	Incineration	CHWTSDF
14	Resin	60	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
15	37.2 Ash from incinerator and flue gas cleaning residue	360	MT/A	Landfill	CHWTSDF
16	20.3 Distillation residues	1212	MT/A	Incineration	CHWTSDF
17	Filter pads/Bags/Linear	2400	MT/A	Incineration	CHWTSDF
18	Mix of Salt	1668	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
19	Zinc Bromide Solution	72	MT/A	Landfill/ Recycle*	Sale to authorised party / CHWTSDF
20	MEK & Methanol recovery	1368	MT/A	Landfill/ Recycle*	Recycle or Reuse or Sale to authorized party/ CHWTSDF
21	Mix MEK+Butanol/Acetone +IPA recovered	2772	MT/A	Incineration/ Recycle*	Recycle or Reuse or Sale to authorized party/ CHWTSDF
22	Recovered 2-Butanol	6	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
23	Recovered Cyclohexane /EDC	528	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
24	Recovered Cyclohexane	1920	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
25	Recovered Ethyl alcohol	36	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
26	Recovered IPA	1560	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
27	Recovered Isobutyl alcohol	0.72	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
28	Recovered Methanol	2160	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
29	Recovered MPK	264	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
30	Recovered Pet Ether	288	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
31	Recovered Pet Ether & THF	24	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
32	Recovered Toluene	1404	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
33	Recovered Triethylamine	360	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
34	2-Butanol/Isopropyl alcohol (IPA) (Separated from MEK+Butanol Mixture)	1008	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
35	Sodium Sulphide/SMM/ Solution	3012	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
36	Recovered Acetone	12	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
37	Recovered Butanol	24	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
38	Recovered EDC	108	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
39	Recovered Xylene	36	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
40	Spent Solvent	36	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
41	THF recovered	228	MT/A	Incineration/ Recycle	Sale to authorised party / CHWTSDF
42	Recovered Heptane	12	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
43	Aluminium Chloride Solution	48	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
44	Aniline recovered	156	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
45	Dione residue	60	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
46	Hydrochloric acid Solution (18-22%)	480	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
47	Phosphoric acid layer	12	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
48	Prionyl residue/Distillation residue	24	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
49	Recovered Barium Hydroxide	120	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
50	Recovered Butyric acid	24	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
51	Recovered Isobutyric acid	12	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
52	Sodium Borate	12	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
53	Sodium Chloride salt	72	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
54	ammonium Sulphate 35 OR	3600	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
55	Ammonium Sulphate	2280	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
56	Chromium Sulphate Solution OR	2220	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
57	Chromium Hydroxide	540	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
58	Acetic acid 30	1080	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
59	Phosphoric acid	1620	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
60	Sulphuric acid 25	18000	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
61	Calcium Sulphate OR	11400	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
62	Ferrous Sulphate OR	6000	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
63	Magnesium Sulphate	6264	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
64	Potassium acetate OR	432	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
65	Potassium acetate	156	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
66	Sodium Phosphate 10 OR	300	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
67	Sodium Phosphate	156	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
68	Acetic acid 80	2760	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
69	Sodium acetate 30 OR	7320	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
70	Sodium acetate	2304	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
71	DMF 80	324	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
72	Sodium Sulphate	2280	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
73	Potassium Sulphate	24	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF

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

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Lead acid Batteries	500.00	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	1500.00	Kg/Annum	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. This consent is issued with overriding effect on earlier Consent to Operate granted by the Board vide no. Format1.0/CAC/UAN No.0000147317/CO/2212000918 dated 13/12/2022

13. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. EC22B021MH111364 dated 24/8/2022

14. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent
15. This consent is issued as per the minutes of Consent Appraisal Committee meeting held on 07/7/2023

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

45b37cf2 c844b868 da68fae0 9fbd4593 da2acd2f 917e4394 4483d09e d2656a3f

Signed by: Dr J. B. Sangewar
Joint Director(WPC) & InCharge Of CAC-Cell
For and on behalf of,
Maharashtra Pollution Control Board
cac-cell@mpcb.gov.in
2023-08-25 16:27:03 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	7182447.00	TXN2302000196	02/02/2023	Online Payment
2	490710.00	TXN2307003523	27/07/2023	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] As per your application, You have segregated trade effluent into Strong (High TDS & COD) stream & Weak (Low TDS & COD) streams and provided separate treatment system Strong stream 30 CMD high TDS & COD treated in MEE followed by ATFD. Weak stream 335 CMD is treated in effluent treatment plant 9ETP) of designed capacity of 600 CMD consisting of Primary, Secondary, Tertiary treatment followed by Reverse Osmosis (600 CMD), MEE (72 CMD) & 14 CMD ATFD. 55 CMD effluent from CST plant is recycled back into process.

   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)	Bio - Assay Test**	90% Survival of Fish after first 96 hours in 100% effluent
(7)	Phosphates as P	5
(8)	Chloride	600
(9)	Sulphate	1000
(10)	TAN	50
(11)	Phenolic Compounds	1

   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 (302 CMD) for secondary purposes to the maximum extent and remaining 98 CMD shall be discharged to CETP within premise after confirming above standard. In no case effluent shall find its way outside factory premise (55 CMD effluent from CST plant is recycled back into process)

2. A] As per your application, You have provided sewage treatment plant of designed capacity 40 CMD comprising of Primary & secondary treatment for the treatment of 35 CMD of sewage effluent. The treated sewage effluent is mixed with trade effluent for further treatment

   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	1955.00
2.	Domestic purpose	49.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	238.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	35

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 -II (6 TPH)	Fabric Bag Filter	30.00	Coal 938 Kg/Hr	0.5	SO2	225.12 Kg/Day
						TPM	-
S-2	Boiler -IV (18 TPH)	ESP	45.00	Coal 2083 Kg/Hr	0.5	SO2	499.92 Kg/Day
						TPM	150 Mg/Nm^3
	Boiler -V (15 TPH)	ESP		Coal 1666 Kg/Hr	0.5	SO2	399.84 Kg/Day
						TPM	150 Mg/Nm^3
	Boiler -I (20 TPH)	ESP		Terpene Biofuel/Column Bottom mass (Residue) 1250 Kg/Hr	0.5	SO2	50.88 Kg/Day
						TPM	150 Mg/Nm^3
S-3	Boiler (60 TPH)	ESP FGD	54.00	Coal 9167 Kg/Hr	0.5	SO2	220 Kg/Day
						TPM	150 Mg/Nm^3
	Boiler (60 TPH)	ESP FGD		Briquettes 16776 Kg/Hr	0.5	SO2	402.6 Kg/Day
						TPM	150 Mg/Nm^3
S-4	Thermic fluid Heater-I (6 Lakh kCal/hr)	Stack	30.00	Terpene Biofuel 23 Kg/Hr	0.5	SO2	5.52 Kg/Day
						TPM	150 Mg/Nm^3
S-5	Thermic fluid Heater-II (50 Lakh kCal/hr)	ESP	40.00	Coal 1458 Kg/Hr	0.5	SO2	14.58 Kg/Day
						TPM	150 Mg/Nm^3
S-6	Incinerator-I (100 Kg/hr)	Scrubber	30.00	HSD/ Terpene Biofuel 100 Kg/Hr	1	SO2	48 Kg/Day
						TPM	150 Mg/Nm^3
S-7	Incinerator-II (Gas -250 Kg/hr , Liquid-125 Kg/hr, Solid 83 Kg/day)	Scrubber	35.00	HSD/ Terpene Biofuel 120 Kg/Hr	1	SO2	57.6 Kg/Day
						TPM	150 Mg/Nm^3

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-8	Pyrolyser 4001 (1500 kg/hr)	Stack	4.00	Terpene Biofuel/ DHM Tops 70 Kg/Hr	-	TPM	150 Mg/Nm^3
S-9	Pyrolyser 4002 (1500 kg/hr)	Stack	4.00	Terpene Biofuel/ DHM Tops 70 Kg/Hr	-	TPM	150 Mg/Nm^3
S-10	Pyrolyser 4003 (1200 kg/hr)	Stack	4.00	Terpene Biofuel/ DHM Tops 62.5 Kg/Hr	-	TPM	150 Mg/Nm^3
S-11	Pyrolyser 4004 (1200 kg/hr)	Stack	4.00	Terpene Biofuel/ DHM Tops 62.5 Kg/Hr	-	TPM	150 Mg/Nm^3
S-12	DG SET (750 KVA)	Acoustic Enclosure	12.00	HSD 110 Kg/Hr	1	TPM	150 Mg/Nm^3
						SO2	26.40 Kg/Day
S-13	DG SET (125 KVA)	Acoustic Enclosure	12.00	HSD 15 Kg/Hr	1	TPM	150 Mg/Nm^3
						SO2	28.80 Kg/Day
S-14	DG SET (625 KVA)	Acoustic Enclosure	12.00	HSD 60 Kg/Hr	1	TPM	150 Mg/Nm^3
						SO2	72 Kg/Day
S-15	DG SET (380 KVA)	Acoustic Enclosure	12.00	HSD 60 Kg/Hr	1	TPM	150 Mg/Nm^3
						SO2	72 Kg/Day
S-16	DG SET (1000 KVA)	Acoustic Enclosure	12.00	HSD 150 Kg/Hr	1	TPM	150 Mg/Nm^3
						SO2	72 Kg/Day
S-17	DG SET (1000 KVA)	Acoustic Enclosure	30.00	HSD 100 Kg/Hr	1	TPM	150 Mg/Nm^3
						SO2	110.4 Kg/Day

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-18	DG SET (1000 KVA)	Acoustic Enclosure	30.00	HSD 100 Kg/Hr	1	TPM	150 Mg/Nm^3
						SO2	110.4 Kg/Day
S-19	DG SET (1000 KVA)	Acoustic Enclosure	12.00	HSD 100 Kg/Hr	1	TPM	150 Mg/Nm^3
						SO2	72 Kg/Day
S-20	Boiler -III (8 TPH)	Fabric Bag Filter	42.00	Coal 938 Kg/Hr	0.5	TPM	150 Mg/Nm^3
						SO2	225.12 Kg/Day
S-21	Process scrubber-I	Scrubber	18.00	-	-	Acid Mist	35 Mg/Nm^3
S-22	Process scrubber-II	Scrubber	18.00	-	-	Acid Mist	35 Mg/Nm^3
S-23	Process scrubber-III	Scrubber	18.00	-	-	Acid Mist	35 Mg/Nm^3

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 R	25 Lakh	Existing	Towards O&M of pollution control system	30/6/2028	31/12/2028

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.

PRIVI SPECIALITY CHEMICALS LIMITED, II

M.I.D.C.Mahad. Raigad -402309

DEPARTMENT: Administration

TITLE: Housekeeping Checklist - Daily Cleaning

Housekeeping Checklist - Daily Cleaning

Month :- NOV-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
1	Daily Cleaning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
a	Roads	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
b	Tank area	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
c	Vehicle	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
d	Offices	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
e	Health Centre	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
f	Worker room	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
g	Visitor Room	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Canteen - Daily cleaning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
a	Table, chairs	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
b	Floor sweeping	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
c	Floor mopping	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
d	Dustbin cleaning	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
e	kitchen Tiles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Checked by Housekeeping Supervisor		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Verified by Admin		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

PRIVI SPECIALITY CHEMICALS INDIA LIMITED UNIT-II

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	Dec-23
GT/6289	PLANNED	Half yearly	02-Jun-23	-	-	-	-	-	02-Dec-23
ESP	ACTUAL		02-Jun-23	-	-	-	-	-	02-Dec-23
MR/14207	PLANNED	Half yearly	01-Jun-23	-	-	-	-	-	01-Dec-23
Bag filter	ACTUAL		01-Jun-23	-	-	-	-	-	01-Dec-23

PREVENTIVE MAINTENANCE SCHEDULE OF ETP, UNIT II

				Jul-23		Oct-23	
Plant	Location	Description	Tag No.	Plan Date	Done date	Plan Date	Done date
ETP	GR. FLOOR	AIR BLOWER FOR NEW	BL-13402A	01-07-2023	01-07-2023	01-10-2023	01-10-2023
ETP	GR. FLOOR	AIR BLOWER FOR NEW	BL-13402B	01-07-2023	01-07-2023	01-10-2023	01-10-2023
ETP	GR. FLOOR	AIR BLOWER FOR OLD AERATION	BL-13401A	06-07-2023	07-07-2023	06-10-2023	11-10-2023
ETP	GR. FLOOR	AIR BLOWER FOR OLD AERATION	BL-13401B	07-07-2023	07-07-2023	07-10-2023	12-10-2023
New Blower	GR. FLOOR	EQUI. AIR BLOWER-BL-13101A	BL-13101A	06-07-2023	07-07-2023	06-10-2023	10-10-2023
New Blower	GR. FLOOR	EQUI. AIR BLOWER-BL-13101B	BL-13101B	06-07-2023	07-07-2023	06-10-2023	10-10-2023
MEE	GR. FLOOR	Recirculation Pump RC-1	RC-1				
MEE	GR. FLOOR	Recirculation Pump RC-2	RC-2	09-07-2023	09-07-2023	09-10-2023	11-10-2023
MEE	GR. FLOOR	Recirculation Pump RC-3	RC-3	10-07-2023	10-07-2023	10-10-2023	11-10-2023

PREVENTIVE MAINTENANCE SCHEDULE OF DG SET, UNIT II

Capacity	Planned	Completed	Planned	Completed	Planned	Completed
1000 KVA	Jun-23	Jun-23	Aug-23	Aug-23	Oct-23	Oct-23
725 KVA	Jun-23	Jun-23	Aug-23	Aug-23	Oct-23	Oct-23
1000 KVA	Jun-23	Jun-23	Aug-23	Aug-23	Oct-23	Oct-23
380 KVA	Jun-23	Jun-23	Aug-23	Aug-23	Oct-23	Oct-23
1000 KVA	Jun-23	Jun-23	Aug-23	Aug-23	Oct-23	Oct-23
500 KVA	Jun-23	Jun-23	Aug-23	Aug-23	Oct-23	Oct-23

FORES CREATORS
Restoring Ecosystems
(A INITIATIVE OF ENVIRO CREATORS FOUNDATION)
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	

FORESTCREATORS
Restoring Ecosystems
(A INITIATIVE OF ENVIRO CREATORS FOUNDATION)
Enviro Creators Foundation
119, High Tech Ind. Estate, Caves Road, Jogeshwari East, Mumbai 400 060. INDIA.
Email: plant@forestcreators.com / Website: www.forestcreators.com

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-II

Details of Funds for Environment Protection

S. No.	Pollution Control Measures	Cost Per Annum (Lakhs)
2	Green Belt development	10.0
3	Solid waste management	200
4	Environment Monitoring (Monitoring charges for air, water, noise)	5.0
5	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 programme.	95.0
6	Air Pollution Control Measures	40
7	Water Pollution Control Measures	500
8	Rain Water Harvesting	5.0
9	CSR/CER Activity	20.0
Total		**875**

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/08/2023-24/1195

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309, Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1195
	Sample Name /Location	(A2) Near Minar 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	16/08/2023
	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 25/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	25/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/121 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	12:45 p.m. to 12:45 p.m.	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	62.81	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	30.14	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	20.1	$\mu g/m^3$	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	22.5	$\mu g/m^3$	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	18.5	$\mu g/m^3$	≤ 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)	1.68	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	17.5	$\mu g/m^3$	≤ 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

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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CIN NO. U74900PN2010PTC137544

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ENalyse*

ULR No.: Not Applicable

Ambient Air Quality Monitoring Report — Report No. AB/PSC/08/2023-24/1196

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309, Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1196
	Sample Name /Location	(A3) 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	16/08/2023
	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 25/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	25/08/2023
Sample returned /stored	Stored at 4°C for 1 week from the date of reporting	
Instrument Details	Ambient Fine Dust Sampler, AB/Tech/Instr/132 Calibrated on –10/07/2023 Due On–09/07/2024	
Ambient Temperature	32.2°C	Relative Humidity(RH) 41 %
Sampling Duration	24 Hrs.	
Time of Sampling	12:50 p.m. to 12:50 p.m.	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	68.25	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	32.17	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	21.7	$\mu g/m^3$	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	22.5	$\mu g/m^3$	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	18.5	$\mu g/m^3$	≤ 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)	1.52	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	14.2	$\mu g/m^3$	≤ 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

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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CIN NO. U74900PN2010PTC137544

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ENalyse*

ULR No.: Not Applicable

Ambient Air Quality Monitoring Report — Report No. AB/PSC/08/2023-24/1197

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-IV) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309, Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1197
	Sample Name /Location	(A10) 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	16/08/2023
	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 25/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	25/08/2023
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	32.0°C	Relative Humidity(RH) 40 %
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})	68.71	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	32.56	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	20.5	$\mu g/m^3$	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	22.8	$\mu g/m^3$	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	20.2	$\mu g/m^3$	≤ 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)	1.41	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	15.0	$\mu g/m^3$	≤ 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*

Workzone Air Quality Monitoring Report Report No. AB/PSC/08/2023-24/1198

Name of Client & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309,Maharashtra, India.	Sample Code	AB/PSC/08/2023-24/1198
	Sample Name /Location	CST Plant - Ground Floor
	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 25/08/2023
	Analysis Done At	Aavanira Biotech Pvt Ltd
	Reporting Date	25/08/2023
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	31.0°C	Relative Humidity(RH) 45 %
Sampling Duration	08 Hrs.	
Time of Sampling	12:15 p.m.	

Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method
1	Hydrocarbon (HC)	1.22	mg/m^3	N.S.	NIOSH Manual
2	Acid Mist	0.58	mg/m^3	<1.0	NIOSH Manual
3	VOCs (B-T-X)	BDL	ppm	N.S.	GC Method

N.S. = Not Specified **BDL: Below Detectable Limit**

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*

Ambient Noise Monitoring Report Report No. AB/PSC/08/2023-24/1230

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd.,(Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309,Maharashtra, India.	
Sample Code	AB/PSC/08/2023-24/1230
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	25/08/2023
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	11:20	65.8	22:05	60.2	dB(A)
2.	Near ETP	11:25	67.7	22:08	61.1	dB(A)
3.	Near Minar Gate	11:23	69.9	22:10	63.0	dB(A)
4.	Near Material Gate	11:25	69.5	22:12	63.8	dB(A)
5.	H.W. Area	11:30	71.2	22:14	62.2	dB(A)
6.	Near Demaccon Plant	11:32	69.2	22:15	61.6	dB(A)
7.	Vira Gate	11:35	68.8	22:20	60.7	dB(A)
8.	Chamundi Gate	11:38	72.0	22:22	62.5	dB(A)
9.	CST East Side	11:40	67.4	22:25	59.8	dB(A)
10.	Near CST Sprinkler	11:45	72.5	22:28	58.9	dB(A)
11.	Near Work Shop	11:50	70.1	22:30	62.6	dB(A)
12.	Near OHC	11:52	69.5	22:32	60.7	dB(A)
13.	Near Production Office	11:55	68.5	22:35	61.6	dB(A)
14.	Near Second Sprinkler	11:58	69.2	22:40	62.0	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

Authorized By – Technical Manager / Dy. Technical Manager

Govt. Analyst

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

AAVANIRA BIOTECH (P) LTD. * PUNE *

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CIN NO. U74900PN2010PTC137544

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Ambient Noise Monitoring Report Report No. AB/PSC/08/2023-24/1232

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd.,(Unit-IV) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309,Maharashtra, India.		
	Sample Code	AB/PSC/08/2023-24/1232
	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	25/08/2023
Instrument Details	Sound Level Meter, AB/Tech/Instr/223 Calibrated on –10/07/2023 Due On–09/07/2024	

Sr. No.	Test Location	Day Time		Night Time		Unit
		Time in Hrs.	Readings	Time in Hrs.	Readings	
1.	Near Main Gate	12:33	68.4	22:38	60.2	dB(A)
2.	Near DM Plant	12:35	71.0	22:42	61.8	dB(A)
3.	Coal Store	12:38	67.7	22:45	62.5	dB(A)
4.	Crusher Area	12:42	71.2	22:46	64.1	dB(A)
5.	Boiler East Side	12:45	70.5	22:47	63.5	dB(A)
6.	Near DG Set	12:50	70.9	23:50	62.6	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

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*

DG Insertion Loss Monitoring Report

Report No. AB/PSC/08/2023-24/1231

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd.,(Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309,Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1231
	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	25/08/2023
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 (380 KVA)	98.5	73.3	73.2	73.1	73.8	73.4	25.2	dB(A)
2.	DG Set (725 KVA)	99.6	74.4	74.0	74.1	74.3	74.2	25.4	dB(A)
4.	DG Set (1010 KVA) No. 1	100.2	74.2	74.0	74.2	74.6	74.3	26.0	dB(A)
5.	DG Set (1010 KVA) No. 2	100.0	74.2	74.3	74.4	74.8	74.4	25.6	dB(A)
7.	DG Set (1500 KVA) No. 1	100.9	74.0	74.3	74.2	74.0	74.1	26.8	dB(A)
4.	DG Set (1500 KVA) No. 2	100.5	74.8	74.5	74.5	74.6	74.6	25.9	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,
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ENalyse*

DG Insertion Loss Monitoring Report

Report No. AB/PSC/08/2023-24/1233

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd.,(Unit-IV) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309,Maharashtra, India.	Sample Code	AB/PSC/08/2023-24/1233
	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	25/08/2023
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 (1010 KVA)	99.9	74.5	74.2	74.8	74.2	74.4	25.5	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

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/11/2023-24/262**

Client Details Name & Address: **M/s. Privi Speciality Chemicals Ltd., (Unit-II)** **Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309, Maharashtra, India**	**Sample Code**	**AB/PSC/11/2023-24/262**
	Sample Name /Location	**(A1) Near CST 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	**06/11/2023**
	Sample Received on Date	**08/11/2023**
	Sample Condition / Description	**Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.**
	Analysis Date	**08/11/2023 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/132 Calibrated on –10/07/2023 Due On–09/07/2024**	
Ambient Temperature	**31.8°C**	**Relative Humidity(RH)** **44%**
Sampling Duration	**24 Hrs.**	
Time of Sampling	**12:20 p.m. to 12:20 p.m.**	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	78.80	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	33.68	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	25.8	$\mu g/m^3$	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	28.4	$\mu g/m^3$	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	22.0	$\mu g/m^3$	≤ 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)	1.71	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	14.0	$\mu g/m^3$	≤ 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

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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyse*

ULR No.: Not Applicable

Ambient Air Quality Monitoring Report **Report No. AB/PSC/11/2023-24/263**

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309, Maharashtra, India	**Sample Code**	AB/PSC/11/2023-24/263
	Sample Name /Location	(A2) Near Minar 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	06/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.
	Analysis Date	08/11/2023 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	**31.2°C**	**Relative Humidity(RH)** **48%**
Sampling Duration	**24 Hrs.**	
Time of Sampling	**12:50 p.m. to 12:50 p.m.**	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	69.88	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	31.95	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	27.5	$\mu g/m^3$	≤ 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)	19.0	$\mu g/m^3$	≤ 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)	1.88	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	19.0	$\mu g/m^3$	≤ 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, 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/11/2023-24/264

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309, Maharashtra, India	Sample Code	AB/PSC/11/2023-24/264
	Sample Name /Location	(A3) 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	06/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.
	Analysis Date	08/11/2023 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/132 Calibrated on –10/07/2023 Due On–09/07/2024	
Ambient Temperature	32.2°C	Relative Humidity(RH) 41 %
Sampling Duration	24 Hrs.	
Time of Sampling	12:50 p.m. to 12:50 p.m.	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	69.82	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	34.74	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	22.6	$\mu g/m^3$	≤ 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)	19.2	$\mu g/m^3$	≤ 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)	1.68	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	15.0	$\mu g/m^3$	≤ 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,
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/11/2023-24/265

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-IV) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309, Maharashtra, India	**Sample Code**	AB/PSC/11/2023-24/265
	Sample Name /Location	(A10) 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	06/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.
	Analysis Date	08/11/2023 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	31.4°C	**Relative Humidity(RH)** 42 %
Sampling Duration	24 Hrs.	
Time of Sampling	01:30 p.m. to 01:30 p.m.	

Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM_{10})	70.85	$\mu g/m^3$	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter ($PM_{2.5}$)	34.29	$\mu g/m^3$	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO_2)	21.2	$\mu g/m^3$	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	23.5	$\mu g/m^3$	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O_3)	20.8	$\mu g/m^3$	≤ 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)	1.56	mg/m^3	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH_3)	16.4	$\mu g/m^3$	≤ 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

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.
■ Tel.: 8308805200 / 8446000118, ■ E-mail : info@aavanira.com, ■ Web : www.aavanira.com
CIN NO. U74900PN2010PTC137544

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ENalyse*

Ambient Noise Monitoring Report Report No. AB/PSC/11/2023-24/287

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd.,(Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309,Maharashtra, India	Sample Code	AB/PSC/11/2023-24/287
	Sample Type	Ambient Noise
	Method of Sampling	IS:9876 (RA:2001)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.
	Sample Collected On	07/11/2023
	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	11:35	66.2	22:10	60.5	dB(A)
2.	Near ETP	11:40	65.8	22:12	61.3	dB(A)
3.	Near Minar Gate	11:43	67.0	22:12	63.4	dB(A)
4.	Near Material Gate	11:45	69.2	22:15	64.1	dB(A)
5.	H.W. Area	11:50	70.6	22:18	62.3	dB(A)
6.	Near Demaccon Plant	11:52	69.8	22:20	62.2	dB(A)
7.	Vira Gate	11:55	69.9	22:23	60.8	dB(A)
8.	Chamundi Gate	11:58	72.2	22:25	62.7	dB(A)
9.	CST East Side	12:00	68.1	22:30	59.9	dB(A)
10.	Near CST Sprinkler	12:10	71.3	22:33	59.2	dB(A)
11.	Near Work Shop	12:15	70.5	22:35	63.3	dB(A)
12.	Near OHC	12:17	69.8	22:35	62.7	dB(A)
13.	Near Production Office	12:20	69.1	22:40	64.0	dB(A)
14.	Near Second Sprinkler	12:23	70.2	22:42	63.9	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

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
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ENalyse*

Ambient Noise Monitoring Report Report No. AB/PSC/11/2023-24/289

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd.,(Unit-IV) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309,Maharashtra, India.	Sample Code	AB/PSC/11/2023-24/289
	Sample Type	Ambient Noise
	Method of Sampling	IS:9876 (RA:2001)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.
	Sample Collected On	07/11/2023
	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	Day Time		Night Time		Unit
		Time in Hrs.	Readings	Time in Hrs.	Readings	
1.	Near Main Gate	12:35	67.5	22:20	59.8	dB(A)
2.	Near DM Plant	12:40	70.6	22:23	60.1	dB(A)
3.	Coal Store	12:42	68.0	22:25	62.2	dB(A)
4.	Crusher Area	12:45	70.6	22:30	63.5	dB(A)
5.	Boiler East Side	12:48	70.9	22:35	64.0	dB(A)
6.	Near DG Set	12:50	71.2	23:40	62.3	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

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.
■ Tel.: 8308805200 / 8446000118, ■ E-mail : info@aavanira.com, ■ Web : www.aavanira.com
CIN NO. U74900PN2010PTC137544

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ENalyse*

DG Insertion Loss Monitoring Report

Report No. AB/PSC/11/2023-24/288

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd.,(Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309,Maharashtra, India.	Sample Code	AB/PSC/11/2023-24/288
	Sample Type	DG Insertion Loss Noise
	Method of Sampling	IS : 4758 (RA:2017)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.
	Sample Collected On	07/11/2023
	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 (380 KVA)	98.5	73.2	73.7	72.9	73.5	73.3	25.2	dB(A)
2.	DG Set (725 KVA)	99.5	74.3	74.2	74	74.4	74.2	25.3	dB(A)
4.	DG Set (1010 KVA) No. 1	100	74.3	74.1	74.3	74.4	74.3	25.7	dB(A)
5.	DG Set (1010 KVA) No. 2	100.4	74.3	74.4	74.2	74.5	74.4	26.1	dB(A)
7.	DG Set (1500 KVA) No. 1	100.9	74.8	74.9	74.6	74.7	74.8	26.2	dB(A)
4.	DG Set (1500 KVA) No. 2	100.6	74.7	74.6	74.2	74.4	74.5	26.1	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

Aavanira® BIOTECH

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

ENalyse*

DG Insertion Loss Monitoring Report

Report No. AB/PSC/11/2023-24/290

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd.,(Unit-IV) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309,Maharashtra, India.	Sample Code	AB/PSC/11/2023-24/290
	Sample Type	DG Insertion Loss Noise
	Method of Sampling	IS : 4758 (RA:2017)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.
	Sample Collected On	07/11/2023
	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 (1010 KVA)	99.8	74.3	74.1	74.4	74.6	74.4	25.5	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,
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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1217

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1217
	Sample Name /Location	S-8 Incinerator - I
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	16/08/2023
	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 25/08/2023
	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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	01:35 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	30.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Bio Fuel	--
5	Flue Gas Temperature	415	^{o}K
6	Differential Pressure	1.2	mmWG
7	Velocity	4.56	m/s
8	Diameter of Stack	0.5	mtr.
9	Stack Area	0.1962	m^2
10	Gas Volume	2313.75	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	24.38	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	N.D.	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		N.D.	Kg/day	< 5	
3	Oxides of Nitrogen(NOx)	N.D.	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

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

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1220

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1220
	Sample Name /Location	S-12 Incinerator -II
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	16/08/2023
	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 25/08/2023
	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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	03:15 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	35.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Bio Fuel	--
5	Flue Gas Temperature	422	°K
6	Differential Pressure	1.0	mmWG
7	Velocity	4.20	m/s
8	Diameter of Stack	1.11	mtr.
9	Stack Area	0.9671	m^2
10	Gas Volume	10324.42	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	17.55	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	N.D.	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		N.D.	Kg/day	< 5	
3	Oxides of Nitrogen(NOx)	N.D.	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

AAVANIRA BIOTECH (P) LTD. PUNE

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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CIN NO. U74900PN2010PTC137544

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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1294

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1293
	Sample Name /Location	S-2 Boiler (18 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 25/08/2023
	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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	11:25 a.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	46.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Coal	--
5	Flue Gas Temperature	433	°K
6	Differential Pressure	1.0	mmWG
7	Velocity	4.25	m/s
8	Diameter of Stack	1.3	mtr.
9	Stack Area	1.32	m^2
10	Gas Volume	13911.71	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	44.38	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	42.94	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		14.34	Kg/day	≤ 499.92	
3	Oxides of Nitrogen(NOx)	17.7	ppm	<50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.08	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	0.35	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*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1296

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1296
	Sample Name /Location	S-2 Boiler (15 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 25/08/2023
	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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	03:50 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	46.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Coal	--
5	Flue Gas Temperature	490	°K
6	Differential Pressure	0.9	mmWG
7	Velocity	4.29	m/s
8	Diameter of Stack	2.0	mtr.
9	Stack Area	3.14	m^2
10	Gas Volume	29512.33	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	46.95	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	43.88	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		31.08	Kg/day	≤ 399.84	
3	Oxides of Nitrogen(NOx)	21.0	ppm	<50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.14	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	0.65	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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CIN NO. U74900PN2010PTC137544

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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1297

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1297
	Sample Name /Location	S-2 Boiler (20 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 25/08/2023
	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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	05:00 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	46.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Bio Fuel	--
5	Flue Gas Temperature	488	°K
6	Differential Pressure	1.2	mmWG
7	Velocity	4.95	m/s
8	Diameter of Stack	2.0	mtr.
9	Stack Area	3.14	m^2
10	Gas Volume	34147.66	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	27.22	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	N.D.	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		N.D.	Kg/day	≤ 50.88	
3	Oxides of Nitrogen(NOx)	N.D.	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

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

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1213

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1213
	Sample Name /Location	S-3 DG Set 1010 KVA - No. 1
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	16/08/2023
	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 25/08/2023
	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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	11:00 a.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	12.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	462	°K
6	Differential Pressure	8.2	mmWG
7	Velocity	12.58	m/s
8	Diameter of Stack	0.177	mtr.
9	Stack Area	0.0245	m^2
10	Gas Volume	715.82	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	85.11	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	80.82	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		1.39	Kg/day	<7.2	
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

Authorized By – Technical Manager/
Dy. Technical Manager

Govt. Analyst

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

AAVANIRA BIOTECH (P) LTD. * PUNE *

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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1214

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-IV) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1214
	Sample Name /Location	DG Set 1010 KVA - No. 2
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	16/08/2023
	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 25/08/2023
	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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	11:35 a.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	12.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	452	°K
6	Differential Pressure	8.3	mmWG
7	Velocity	12.52	m/s
8	Diameter of Stack	0.177	mtr.
9	Stack Area	0.0245	m^2
10	Gas Volume	728.09	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	82.14	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	80.69	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		1.41	Kg/day	<7.2	
3	Oxides of Nitrogen(NOx)	7.25	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

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*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1221

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1221
	Sample Name /Location	S-7 Thermic Fluid Heater (Thermo Pack)
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	16/08/2023
	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 25/08/2023
	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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	04:00 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	30.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Bio Fuel	--
5	Flue Gas Temperature	429	°K
6	Differential Pressure	1.6	mmWG
7	Velocity	5.36	m/s
8	Diameter of Stack	0.26	mtr.
9	Stack Area	0.0477	m^2
10	Gas Volume	638.85	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	18.55	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	N.D.	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		N.D.	Kg/day	<6.0	
3	Oxides of Nitrogen(NOx)	N.D.	ppm	<50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.06	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	0.25	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.
■ 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

ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1222

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	**Sample Code**	**AB/PSC/08/2023-24/1222**
	Sample Name /Location	**S-13 Thermic Fluid Heater (Thermo Pack)**
	Sample Type	**Stack**
	Method of Sampling	**IS:11255 & CPCB Manual (LATS/80/2013-2014)**
	Sample Collected By	**Aavanira Biotech Pvt. Ltd.,**
	Sample Collected On	**16/08/2023**
	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 25/08/2023**
	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 –10/07/2023 Due On–09/07/2024**	
Sampling Duration	**30 Mins.**	
Time of Sampling	**04:20 p.m.**	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	40.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Coal	--
5	Flue Gas Temperature	441	°K
6	Differential Pressure	1.1	mmWG
7	Velocity	4.50	m/s
8	Diameter of Stack	0.612	mtr.
9	Stack Area	0.294	m^2
10	Gas Volume	3220.14	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	22.68	mg/Nm^3	--	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	28.55	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		2.21	Kg/day	--	
3	Oxides of Nitrogen(NOx)	2.02	ppm	--	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.16	mg/Nm^3	--	US EPA Method 8 A
5	Acid Mist	0.06	ppm	--	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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CIN NO. U74900PN2010PTC137544

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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1223

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-IV) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1223
	Sample Name /Location	DG Set 1010 KVA No. 3
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	16/08/2023
	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 25/08/2023
	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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	04:55 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	20.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	426	°K
6	Differential Pressure	8.5	mmWG
7	Velocity	12.30	m/s
8	Diameter of Stack	0.177	mtr.
9	Stack Area	0.0245	m^2
10	Gas Volume	758.96	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	87.21	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	81.63	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		1.49	Kg/day	<7.2	
3	Oxides of Nitrogen(NOx)	9.35	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

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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CIN NO. U74900PN2010PTC137544

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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1224

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/08/2023-24/1224
	Sample Name /Location	Boiler (60 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	16/08/2023
	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 25/08/2023
	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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	05:20 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	54.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Coal	--
5	Flue Gas Temperature	426	°K
6	Differential Pressure	1.2	mmWG
7	Velocity	4.62	m/s
8	Diameter of Stack	1.8	mtr.
9	Stack Area	2.5434	m^2
10	Gas Volume	29604.05	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	36.88	mg/Nm^3	< 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	26.63	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		18.92	Kg/day	<22	
3	Oxides of Nitrogen(NOx)	9.58	ppm	<50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.42	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	0.16	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.
■ Tel.: 8308805200 / 8446000118, ■ E-mail : info@aavanira.com, ■ Web : www.aavanira.com
CIN NO. U74900PN2010PTC137544

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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/266

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/11/2023-24/266
	Sample Name /Location	S-3 DG Set 1010 KVA - No. 1
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	07/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	08/11/2023 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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	10:50 a.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	12.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	456	°K
6	Differential Pressure	7.9	mmWG
7	Velocity	12.27	m/s
8	Diameter of Stack	0.177	mtr.
9	Stack Area	0.0245	m^2
10	Gas Volume	707.21	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	83.60	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	82.18	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		1.39	Kg/day	<7.2	
3	Oxides of Nitrogen(NOx)	6.14	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

Govt. Analyst

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

AAVANIRA BIOTECH (P) LTD. PUNE

Authorized By – Technical Manager/
Dy. Technical Manager

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

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/267

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-IV) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	**Sample Code**	AB/PSC/11/2023-24/267
	Sample Name /Location	DG Set 1010 KVA - No. 2
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	07/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	08/11/2023 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 –10/07/2023 Due On–09/07/2024**	
Sampling Duration	**30 Mins.**	
Time of Sampling	**11:10 a.m.**	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	12.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	466	°K
6	Differential Pressure	8.3	mmWG
7	Velocity	12.71	m/s
8	Diameter of Stack	0.177	mtr.
9	Stack Area	0.0245	m^2
10	Gas Volume	717.07	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	81.54	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	82.38	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		1.42	Kg/day	<7.2	
3	Oxides of Nitrogen(NOx)	7.78	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

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
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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/270

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	**Sample Code**	**AB/PSC/11/2023-24/270**
	Sample Name /Location	**S-8 Incinerator - I**
	Sample Type	**Stack**
	Method of Sampling	**IS:11255 & CPCB Manual (LATS/80/2013-2014)**
	Sample Collected By	**Aavanira Biotech Pvt. Ltd.,**
	Sample Collected On	**07/11/2023**
	Sample Received on Date	**08/11/2023**
	Sample Condition / Description	**Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.**
	Analysis Date	**08/11/2023 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 –10/07/2023 Due On–09/07/2024**	
Sampling Duration	**30 Mins.**	
Time of Sampling	**01:50 p.m.**	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	30.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Bio Fuel	--
5	Flue Gas Temperature	419	°K
6	Differential Pressure	1.5	mmWG
7	Velocity	5.12	m/s
8	Diameter of Stack	0.5	mtr.
9	Stack Area	0.1962	m^2
10	Gas Volume	2574.47	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	19.57	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	N.D.	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		N.D.	Kg/day	< 48	
3	Oxides of Nitrogen(NOx)	N.D.	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

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

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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/273

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/11/2023-24/273
	Sample Name /Location	S-12 Incinerator -II
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	07/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	08/11/2023 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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	03:20 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	35.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Bio Fuel	--
5	Flue Gas Temperature	426	°K
6	Differential Pressure	1.2	mmWG
7	Velocity	4.62	m/s
8	Diameter of Stack	1.11	mtr.
9	Stack Area	0.9671	m^2
10	Gas Volume	11256.62	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	19.36	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	N.D.	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		N.D.	Kg/day	< 57.7	
3	Oxides of Nitrogen(NOx)	N.D.	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

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

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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/274

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/11/2023-24/274
	Sample Name /Location	S-7 Thermic Fluid Heater (Thermo Pack)
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	07/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	08/11/2023 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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	04:10 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	30.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Bio Fuel	--
5	Flue Gas Temperature	408	°K
6	Differential Pressure	1.4	mmWG
7	Velocity	4.89	m/s
8	Diameter of Stack	0.26	mtr.
9	Stack Area	0.0477	m^2
10	Gas Volume	612.78	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	20.92	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	N.D.	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		N.D.	Kg/day	<6.0	
3	Oxides of Nitrogen(NOx)	N.D.	ppm	<50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.05	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	0.23	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.
■ 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

ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/275

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/11/2023-24/275
	Sample Name /Location	S-13 Thermic Fluid Heater (Thermo Pack)
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	07/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	08/11/2023 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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	04:30 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	40.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Coal	--
5	Flue Gas Temperature	430	°K
6	Differential Pressure	1.4	mmWG
7	Velocity	5.02	m/s
8	Diameter of Stack	0.612	mtr.
9	Stack Area	0.294	m^2
10	Gas Volume	3678.98	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	24.81	mg/Nm^3	--	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	29.36	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		2.59	Kg/day	--	
3	Oxides of Nitrogen(NOx)	2.28	ppm	--	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.17	mg/Nm^3	--	US EPA Method 8 A
5	Acid Mist	0.08	ppm	--	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.
■ 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

ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/276

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-IV) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/11/2023-24/276
	Sample Name /Location	DG Set 1010 KVA No. 3
	Sample Type	Stack
	Method of Sampling	IS:11255 & CPCB Manual (LATS/80/2013-2014)
	Sample Collected By	Aavanira Biotech Pvt. Ltd.,
	Sample Collected On	07/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	08/11/2023 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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	05:00 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	20.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	430	°K
6	Differential Pressure	8.8	mmWG
7	Velocity	12.57	m/s
8	Diameter of Stack	0.177	mtr.
9	Stack Area	0.0245	m^2
10	Gas Volume	768.64	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	89.58	mg/Nm^3	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	84.25	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		1.55	Kg/day	<7.2	
3	Oxides of Nitrogen(NOx)	9.82	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

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

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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/277

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	**Sample Code**	AB/PSC/11/2023-24/277
	Sample Name /Location	Boiler (60 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	07/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	08/11/2023 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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	05:25 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	54.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Coal	--
5	Flue Gas Temperature	430	°K
6	Differential Pressure	1.4	mmWG
7	Velocity	5.02	m/s
8	Diameter of Stack	1.8	mtr.
9	Stack Area	2.5434	m^2
10	Gas Volume	31826.96	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	38.92	mg/Nm^3	< 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	25.95	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		19.82	Kg/day	<22	
3	Oxides of Nitrogen(NOx)	10.17	ppm	<50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.46	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	0.18	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.
■ 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

ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/284

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	**Sample Code**	**AB/PSC/11/2023-24/284**
	Sample Name /Location	**S-2 Boiler (18 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	**07/11/2023**
	Sample Received on Date	**08/11/2023**
	Sample Condition / Description	**Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.**
	Analysis Date	**08/11/2023 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 –10/07/2023 Due On–09/07/2024**	
Sampling Duration	**30 Mins.**	
Time of Sampling	**02:30 p.m.**	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	46.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Coal	--
5	Flue Gas Temperature	445	°K
6	Differential Pressure	1.3	mmWG
7	Velocity	4.92	m/s
8	Diameter of Stack	1.3	mtr.
9	Stack Area	1.32	m^2
10	Gas Volume	15646.47	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	46.90	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	44.75	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		16.80	Kg/day	≤ 499.92	
3	Oxides of Nitrogen(NOx)	18.2	ppm	<50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.07	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	0.32	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,
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

ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report — **Report No. AB/PSC/11/2023-24/285**

Client Details Name & Address:		
M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	Sample Code	AB/PSC/11/2023-24/285
	Sample Name /Location	S-2 Boiler (15 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	07/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	08/11/2023 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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	03:55 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	46.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Coal	--
5	Flue Gas Temperature	495	°K
6	Differential Pressure	0.8	mmWG
7	Velocity	4.07	m/s
8	Diameter of Stack	2	mtr.
9	Stack Area	3.14	m^2
10	Gas Volume	27683.61	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	47.28	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	45.86	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		30.47	Kg/day	≤ 399.84	
3	Oxides of Nitrogen(NOx)	22.8	ppm	<50	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	0.18	mg/Nm^3	<35	US EPA Method 8 A
5	Acid Mist	0.67	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 (I) 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

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ENalyse*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/286

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad Dist-Raigad-402309 Maharashtra, India	**Sample Code**	AB/PSC/11/2023-24/286
	Sample Name /Location	S-2 Boiler (20 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	07/11/2023
	Sample Received on Date	08/11/2023
	Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
	Analysis Date	08/11/2023 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 –10/07/2023 Due On–09/07/2024	
Sampling Duration	30 Mins.	
Time of Sampling	05:25 p.m.	

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	46.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	Bio Fuel	--
5	Flue Gas Temperature	494	°K
6	Differential Pressure	1.5	mmWG
7	Velocity	5.56	m/s
8	Diameter of Stack	2	mtr.
9	Stack Area	3.14	m^2
10	Gas Volume	37945.69	Nm^3/Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	29.48	mg/Nm^3	≤ 50	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO_2)	N.D.	mg/Nm^3	--	IS 11255 Part 2:1985(R.A.:2019)
		N.D.	Kg/day	≤ 50.88	
3	Oxides of Nitrogen(NOx)	N.D.	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,
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/06/2023-24/1298

M/s. Privi Speciality Chemicals Ltd., (Unit-II) **Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad, Dist – Raigad-402309, Maharashtra, India** **drpatil@privi.co.in**	**Sample Code**	**AB/PSC/06/2023-24/1298**
	Sample Name	**Unit II - 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	6.91	6.0-8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	3.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	52.9	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	9.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	26.6	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^-)	6.1	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	BDL	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	TotalPhosphates (as PO_4^{-3})	0.07	5	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	1	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	Bioassay Test	93	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

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

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

Test Report

REPORT NO. AB/PSC/07/2023-24/972

M/s. Privi Speciality Chemicals Ltd., (Unit-II)
Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad, Dist – Raigad-402309, Maharashtra, India
drpatil@privi.co.in

Sample Code	AB/PSC/07/2023-24/972
Sample Name	Unit II - 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	6.56	6.0-8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	2.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	49.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	7.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	22.90	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^-)	7.76	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	BDL	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	TotalPhosphates (as PO_4^{3})	0.05	5	mg/lit	APHA :23rd edition -(4500- P-C)
10.	Ammonical Nitrogen (as N)	BDL	50	mg/lit	APHA :23rd edition -(4500-NH3 B&C)
11.	Phenol	BDL	1	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	Bioassay Test	90	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

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

Test Report

REPORT NO.AB/PSC/08/2023-24/1289

M/s. Privi Speciality Chemicals Ltd., (Unit-II)
Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad, Dist – Raigad - 402 309, Maharashtra, India
drpatil@privi.co.in

Sample Code	**AB/PSC/08/2023-24/1289**
Sample Name	**Unit II - ETP Outlet**
Sample Type	**Effluent**
Method for Sampling	**IS:3025 (Part 1)**
Sample Collected By	**Aavanira Biotech Pvt Ltd**
Sample Collected On	**19/08/2023**
Sample Received on Date	**19/08/2023**
Sample Condition/Description	**Received in 1 liter in sealed & intact Plastic Container**
Analysis Date	**21/08/2023 to 26/08/2023**
Analysis Done At	**Aavanira Biotech Pvt Ltd**
Reporting Date	**27/08/2023**
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	6.88	6.0-8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	4.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	1990.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	18.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	59.29	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^-)	456.59	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	956.82	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	Total Phosphates (as PO_4^{-3})	4.3	5	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	1	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	Bioassay Test	90	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. 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

Test Report

REPORT NO.AB/PSC/09/2023-24/689

M/s. Privi Speciality Chemicals Ltd., (Unit-II) Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad, Dist – Raigad - 402 309, Maharashtra, India drpatil@privi.co.in	Sample Code	AB/PSC/09/2023-24/689
	Sample Name	Unit II - 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 in sealed & intact Plastic Container
	Analysis Date	18/09/2023 to 23/09/2023
	Analysis Done At	Aavanira Biotech Pvt 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	6.95	6.0-8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	1.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	196.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	2.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	7.81	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^-)	55.32	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	5.64	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	Total Phosphates (as PO_4^{-3})	BDL	5	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	1	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	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

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

Test Report

REPORT NO.AB/PSC/10/2023-24/472

M/s. Privi Speciality Chemicals Ltd., (Unit-II)
Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad, Dist – Raigad - 402 309, Maharashtra, India
drpatil@privi.co.in

Sample Code	**AB/PSC/10/2023-24/472**
Sample Name	**Unit II - ETP Outlet**
Sample Type	**Effluent**
Method for Sampling	**IS:3025 (Part 1)**
Sample Collected By	**Aavanira Biotech Pvt Ltd**
Sample Collected On	**12/10/2023**
Sample Received on Date	**14/10/2023**
Sample Condition/Description	**Received in 1 liter in sealed & intact Plastic Container**
Analysis Date	**16/10/2023 to 21/10/2023**
Analysis Done At	**Aavanira Biotech Pvt Ltd**
Reporting Date	**23/10/2023**
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	6.64	6.0-8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	1.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	68.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	2.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	7.91	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^-)	10.78	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	4.20	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	Total Phosphates (as PO_4^{-3})	BDL	5	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	1	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	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

Aavanira® BIOTECH

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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyse*

ULR No.: Not Applicable

Test Report

REPORT NO.AB/PSC/11/2023-24/192

M/s. Privi Speciality Chemicals Ltd., (Unit-II)
Plot No.C-3, 4,5,6,6/1,8,9,33/1 & X- 9,10,11, MIDC Mahad, Dist – Raigad - 402 309, Maharashtra, India
drpatil@privi.co.in

Sample Code	**AB/PSC/11/2023-24/192**
Sample Name	**Unit II - 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	7.11	6.0-8.5	--	IS: 3025 Part-11 (R.A : 2017)
2.	Total Suspended Solids	2.0	100	mg/lit	IS: 3025 Part-17 (R.A : 2017)
3.	Total Dissolved Solids	204.0	2100	mg/lit	IS: 3025 Part-16 (R.A : 2017)
4.	Biochemical Oxygen Demand (3day at 27°C)	4.0	30	mg/lit	IS: 3025 Part-44 (R.A : 2019)
5.	Chemical Oxygen Demand	11.42	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^-)	58.0	600	mg/lit	IS: 3025 Part-32 (R.A : 2019)
8.	Sulphate (as SO_4^{-2})	6.84	1000	mg/lit	APHA :23rd edition -(4500- SO_4^{2-} E)
9.	Total Phosphates (as PO_4^{-3})	BDL	5	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	1	mg/lit	IS: 3025 Part-43 (R.A : 2019)
12.	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. PUNE