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Ref. No: PSCL/U-I/EC-Compliance/23-24/247

Date: 05.12.2023

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

Sub: Half Yearly Environmental Clearance Compliance Report of M/s. Privi Speciality Chemicals Limited for Unit-I, Plot No.: A-7, MIDC area, Mahad, Dist.- Raigad.

Ref: EC-Environment Department, MS, SEIAA Letter – SEAC 2013/CR-242/TC-2 Dated 8th Oct' 2015

Dear Sir,

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

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

We hope above compliance report is in line with EC condition.

Thanking You,

For Privi Speciality Chemicals Limited, Unit I

Authorized Signature

CC to:

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



Signature
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 I : A-7, M.I.D.C., Mahad - 402 309, Dist. Raigad, Maharashtra, India | Tel.: +91 8879228864 / 8879228865

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.privico.in | CIN: L15140MH1985PLC286828

Compliance Report		
SEAC-2013/CR-242/TC-2 dated 08.10.2015		Reporting Date: 05.12 .2023
Period – Jun-23 2022 to Nov 2023		
<i>Environmental clearance compliance Report for proposed aroma chemical production capacity in Unit-I on plot No.: A-07, MIDC area, Mahad, Dist.: Raigad, by M/s Privi Specialty Chemicals Ltd.</i>		
POINT NO.	SPECIFIC CONDITIONS	COMPLIANCE STATUS
I.	No additional land shall be used/ acquired for any activity of the project without obtaining proper permission.	Utilized existing MIDC approved land for project expansion. Total Plot Area=6525 sq.mt. Area used= 6492 sq. mt.
II.	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distance in vulnerable distances in vulnerable areas of plant shall be ensured.	Internal roads are RCC & there is no dust generation on roads. RM in Powder form was utilizing in very small quantity and hence there are not any fugitive emissions from process.
III.	Regular monitoring of air quality, including SPM & SO ₂ both in working zone and ambient air shall be carried out in and around power plant and records shall be maintained. The location of the monitoring station and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.	The location and frequency of AAQ monitoring was decided in consultation with MPCB. AAQ Monitoring at 3 Nos. locations and monitoring frequency Monthly <ol style="list-style-type: none"> 1. Near Main Gate 2. Center of Plot near N₂ Plant North side 3. Near UG Solvent Storage area Main gate Concentration Nov 2023 was- PM _{2.5} –32.50 µg/m ³ as per NAAQ stds. 2009 is 60 µg/m ³ PM ₁₀ –80.26 µg/m ³ as per NAAQ stds. 2009 is 100 µg/m ³ SO ₂ - 23.6 µg/m ³ as per NAAQ stds. 2009 is 80 µg/m ³ . Work Zone monitoring done at 2 locations i.e., at 1) Blending Area-Ground floor 2) Main Plant ground floor and frequency of monitoring is once in a six month.
IV.	Necessary arrangement shall be made to safety & ventilation arrangement in furnace area.	Not applicable.
V.	Proper Housekeeping programmes shall be implemented.	Housekeeping is maintained at shop floor and daily checklist is maintained, attached daily check list. Annexure I
VI.	In event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall be restart the until desired efficiency has been achieve.	Preventive maintenance of Pollution Control system (ETP, STP, DG set-acoustic enclosure) conducting on quarterly basis, Calibration of measurement devices/equipment conducting once in a six month. Power Back provision made for PCS by DG power. Daily monitoring efficiency of PCS. Preventive

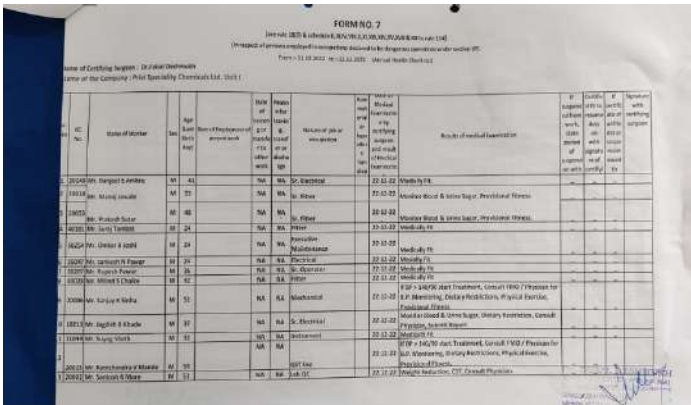
		schedule attached as Annexure-II
VII.	A stack of adequate height is based on DG set capacity shall be provided for control and dispersion of pollution from DG set. (If applicable)	DG set stacks 4 Mtr above the roof of building in which DG set is installed provided as per MPCB Consent conditions and acoustic enclosure provided to control noise. DG stacks monitoring at quarterly frequency. Average Concentration in Nov -2023 PM 48.92 mg/nm ³ , Consent Limit 150 mg/nm ³ SO ₂ – 0.55 kg/day, Consent Limit 9.0 kg/day Consent Copy attached.
VIII.	A detailed scheme of rainwater harvesting shall be prepared and implemented to recharge ground water.	No.
IX.	Arrangement shall be made for effluent and storm water does not get mix.	Separate storm and effluent drainage are provided. No mixing of both drains at any place.
X.	Periodic monitoring of ground water shall be undertaken, and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	Water requirement is supplied by MIDC through Pipeline; there is no ground water extracted.
XI.	Noise level shall be maintained as per standard. For people working in the high noise area requisite personal Protective equipment like earplug etc shall be provided.	Identified high noise area DG, Compressors Acoustic enclosure provided to DG sets and silencer provided at high noise equipment's, displayed signage, earmuff and plug provided & made mandatory to employees working in high noise area. Monitoring done on quarterly and observed value 72.5 dB(A) daytime and 65.5 dB(A) nighttime (Monitoring done in month of Nov -2023).
XII.	The overall noise level in and around the plant are shall be kept in well with in the standards by providing noise control measures including acoustic hoods, silencers, enclose, etc. on all sources of noise generation the ambient noise level shall be conform to standers prescribed under Environment (Protection) Act , 1986 Rules, 1989.	Acoustic enclosure provided to DG sets and silencer & enclosures provided at high noise area. DG Noise level monitoring on quarterly. Ambient Noise levels monitored at 10 locations and observed average levels are 62.85 dB(A) at nighttime, 69.6 dB(A) at daytime, which conform standards prescribed under Environment (Protection) Act, 1986 Rules, 1989. (Monitoring done in month Nov .23).

		Sr. No.	Test Location	Results		Unit
				Daytime 06:00 am. to 10:00 pm.	Night time 10:00 pm. to 06:00 am.	
		01	BSR	70.5	58.9	dB(A)
		02	Main Plant	66.9	62.6	dB(A)
		03	UTILITY AREA	71.9	62.8	dB(A)
		04	Tower & ISC plant	64.3	62.2	dB(A)
		05	DG Area	72.5	62.8	dB(A)
		06	AF plant area	70.6	65.5	dB(A)
		07	Garbage area	69.8	64.9	dB(A)
		08	Near Main gate	69.7	62.7	dB(A)
		09	Near N2 Plant	69.9	63.5	dB(A)
		10	Solvent Tank farm	66.5	62.6	dB(A)
XIII.	Green belt shall be developed and maintain around the plant periphery. Green belt Development shall be carried out considering CPCB guideline including selection pf plant species and consultation with local DFO/ Agriculture Dept.	Green belt developed in and around plot premises and plant species selected in consultation with Agriculture Dept. <ul style="list-style-type: none">Green Belt developed Within Premises- 149 sq mtr. % of green belt- 2.3 %Green Belt developed outside plot withinMIDC-51577 sq. mtr. % of green belt- 66 %. It includes our Unit I, II&III. 				
XIV.	Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak direction shall also be installed at strategic place for early direction and warning.	<ul style="list-style-type: none">All Electrical Fittings – FLP confirming to Class COperations are controlled through DCS- with inbuilt safety interlocks.Safety Relive valve, Rupture Disk, Breather Valve provided at respective tanks and reactors.Pressure Reducing stations – with periodical checks.Manual Call Point provided at respective points.Smoke and heat detectors provided at MCC, PCC and chemical storage area for early				

detections and warning.
List attached as below.

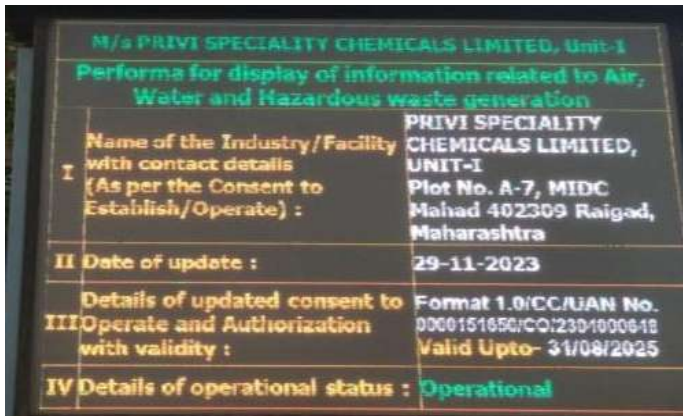
Zone	Locations	MCP No.
2	RM store	1
2	BSR	2
4	Tank farm	3
3	Main plant first floor	4
3	Near ISC plant gr floor	5
4	AF plant first floor	6
4	AF pl 23 Mtr	7
4	Myrcene Tank farm	8
2	Admin building first floor	9
Zone	Location	Smoke/Heat Detector No.
2	RM stores	SD01
2	Engg stores	SD02
2	QC lab	SD03
2	CONF HALL	SD04
2	ACB room	SD05
2	DG	SD06
2	PCC	SD07
3	Main pl MCC	SD08
3	Main pl MCC	SD09
3	Tower MCC	SD10
3	AF Plant MCC	SD11
3	Ionone pl MCC	SD12
3	Ionone pl MCC	SD13
4	Ionone pl MCC	SD14
4	AF control room	SD15
4	Tower MCC	SD16
3	Main plant MCC	SD17
2	RM store Heat Detector	HD1

		2	RM store Heat Detector	HD2	
		2	BSR Heat Detector ground	HD3	
		2	BSR Heat Detector ground	HD4	
		2	BSR Heat Detector Top	HD5	
		2	BSR Heat Detector Top	HD6	
		4	Garbage Heat Detector	HD7	
		2	Engg Store Side Heat Detector	HD8	
		2	Engg Store Side Heat Detector	HD9	
		3	Blending Heat Detector	HD10	
		3	Blending Heat Detector	HD11	
		3	Blending Heat Detector	HD12	
		2	Pantry Heat Detector	HD13	
		2	RM packing material Storeroom	HD14	
		3	Ionone MCC ground Floor Heat Detector	HD15	

XV.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per Factories Act.	<p>Annual health checkup of employee conducted in the month of Jan-2023. Records maintained in Form No. 7.</p> 												
XVI.	The company shall make arrangements for protection of possible fire hazard during manufacturing process in material handling.	<ul style="list-style-type: none">• All process SOP developed, implemented, and trained employees.• Adequate vent, flame arrester provided to solvent storage tanks.• Earthing and boding provided.• Earth integrity system provided at solvent tanker unloading area.• Early Detection system- LEL detector, Smoke and heat detectors provided at respective locations.• Material Compatibility maintained during storage.												
XVII.	The project authorities must strictly comply with the rule and regulations with regards to handling and disposal of hazardous wastes in accordance with Hazardous waste (Management and Handling) Rule, 2003 (amended). Authorization from MPCB shall be obtain for collection/treatment/storage/disposal of hazardous wastes.	<p>Obtained authorization from MPCB for Air, water & hazardous waste generation & disposal. RED/L.S.I (R22) No:- Format1.0/CC/UAN No.0000151650/CO/2304000648 dated 11.04.203 and valid up to 31.08.2025 Annexure III.</p> <p>Complied consent conditions in accordance hazardous waste handling and disposal. Annual Return (Hazardous Waste) Form 4 submitted on 16.06.2023. Hazardous waste Disposal Membership (No. MWML-HzW-MHD-409- Validity up to 31.03.2025). HW Disposed during period Jun--2023 to Nov-2023 is as below.</p> <table><tr><th>Cat No</th><th>Disposed Qty. in MT</th><th>Consent ed Qty MT/A</th><th>Disposal</th></tr><tr><td>5.2 Wastes or Residues containing Oil</td><td>0</td><td>0.6</td><td>CHWTSDF</td></tr><tr><td>5.1 Used Waste Oil</td><td>0.872</td><td>7.2</td><td>Sale to authorized</td></tr></table>	Cat No	Disposed Qty. in MT	Consent ed Qty MT/A	Disposal	5.2 Wastes or Residues containing Oil	0	0.6	CHWTSDF	5.1 Used Waste Oil	0.872	7.2	Sale to authorized
Cat No	Disposed Qty. in MT	Consent ed Qty MT/A	Disposal											
5.2 Wastes or Residues containing Oil	0	0.6	CHWTSDF											
5.1 Used Waste Oil	0.872	7.2	Sale to authorized											

					party
		28.1 Aqueous Fluoroboric Acid	238.660	827	Sale to authorized party
XVIII.	The company shall undertake following Waste Minimization Measures: <ul style="list-style-type: none">• Metering of quantities of active ingredients to minimize waste.• Reuse of by- products from the process as raw material substitutes in other process.• Maximizing Recoveries.• Use of automated material transfer system to minimize spillage.	<ul style="list-style-type: none">• Waste generation & disposal quantity: refer point No. XVII.• Automated material transfer process along with closed system provided to control material leakage/spillage. Early detection system provided.• .			
XIX.	Regular Mock drills for the on-site emergency management plan shall be carried out. Implementation of changes/ improvements required, if any, in the on-site management plan shall be ensured.	Mock drills conducting on quarterly basis. From Jun-23 to Nov -23: 2 Nos. of mock drill conducted, and compliance report submitted to DISH. Mock drill conducted on dated 14.07.2023 and 20.11.2023 (in Night Shift)			
XX.	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	Separate environmental cell developed having well equipped laboratory to carry out the environmental management and monitoring function at Unit 3 (ETP exist). An environment management Cell is responsible for implementation of EMP The Composition of the Environment Management Cell and responsibilities of various member are given below Environment Staff: Executive, Officer, Operators Total = 15 Nos.			
		Sr. No.	Designation	Responsibility	
		1	GM	Overall responsibility for Environmental Issue of the plant, Environment policy and direction	
		2	EHS. Manager	Daily monitoring of ETP operation and environmental control system connected to EHS discipline. Ensure the legal compliance communicated to regulatory authority.	
		3	EHS officer	Overall, in charge in operation of environment management facilities	

			<p>Ensure environmental monitoring as per SOP</p> <p>Ensure record of generation, handling, storage, transportation, and disposal of Solid HW</p> <p>Ensuring legal compliance by properly undertaking activities as laid down by various regulatory agencies from time to time and arranging awareness program among the worker</p>
XXI.	Transportation of ash will be through closed container and all measure should be taken to prevent spillage of the ash.	No boiler and hence no ash generated.	
XXII.	Separate silos will be provided for collection and storing bottom ash & fly ash.	Not applicable.	
XXIII.	Separate funds shall be allocated for implementation of environmental protection measures/ EMP along with item wise break up. This cost shall be included as a 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 reported to the MPCB & this department.	Yes. Separate funds of Rs. 158.5 Lakhs are Earmarked for the EMP.	
XXIV.	The project management shall advertise at least in two local news papers widely circulated in the region of the project, one of which shall be in 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 if clearance letter are available with Maharashtra Pollution Control Board and may also be seen at Website http://ec.maharashtra.gov.in	EC obtained advertisement published in Local Marathi newspaper Dainik Sagar on 24.10.2015 and in national English newspaper Indian Express on 24.10.2015.	
XXV.	Project Management should submit half yearly compliance report in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department on 1 st June & 1 st December of each calendar year.	Last half yearly compliance report submitted to MPCB and RO, MoEF, Nagpur on 27.06.2023 for period Dec - 2022 to May-2023.	

XXVI.	A copy of the clearance letter shall be send by proponent to the concerned municipal corporation and the local NGO, if any, from whom suggestion / representation, if any were received while processing the proposal. The clearance letter shall also put on the Website of the company by the proponent.	EC copy submitted to MPCB, DISH, MIDC, Local NGO and Gram panchayat. The clearance letter has been uploaded on the company Website.
XXVII.	The proponent shall upload the status of compliance of the stipulated EC condition including result of monitored data on their website and update the same respectively Zonal officer of CPCB and SPCB .The criteria pollution levels namely; SPM,RSPM,SO ₂ ,NO _x (ambient levels as well as stack emissions)or criteria sector parameters, indicated for the project shall be monitored and displayed at the convenient location near the main gate of the company in the public demand.	<ul style="list-style-type: none"> Six monthly compliance report submitted MPCB, MoEF and copy uploaded on Company Website. Pollutions levels monitored and levels displayed on Environment Information Board located outside Factory Main entrance gate. 
XXVIII.	The project proponent shall also submit six monthly report on the status of compliance of the stipulated EC conditions including results of monitoring data (both in hard copies as well as by e- mail) to the respectively Zonal officer of CPCB and SPCB.	Six monthly reports on the status of compliance of the stipulated EC conditions including result of monitoring data submitted to MPCB.
XXIX.	The environmental statement for each financial year ending 31st March in form –V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC	Environmental Statement (Form V) for year 2022-23 submitted online on MPCB web portal on 16.09.2023

	conditions and also be send to the respective Regional Offices of MoEF by e-mail.	
XXX.	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 Honorable 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.	Not Applicable.

STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

SEAC- 2013/CR-242/TC-2
Environment department
Room No. 217, 2nd floor,
Mantralaya Annex,
Mumbai- 400 032.
Dated: 8th October, 2015

To,
M/s Privi Organics Ltd
Privi House, A-71, TTC, Thane Belapur Road,
Near Kopar Khairane Railway station,
Navi Mumbai-400709

Subject: Environment clearance for proposed aroma chemical production capacity in Unit I on Plot No. A-7, MIDC area, Mahad, Dist Raigad by M/s. Privi Organics Ltd.

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification, 2006. by the State Level Expert Appraisal Committee-I, Maharashtra in its 98th meeting and decided to recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 87th meeting.

2. It is noted that the proposal is considered by SEAC-I under screening category 5(f) B1 as per EIA Notification 2006.

Brief Information of the project submitted by Project Proponent is as:

1.	Name of Project	Expansion of Aroma Chemical Production Capacity in Unit I of Privi Organics Ltd, Plot No A-7, MIDC Area, Mahad, Dist. Raigad
2.	Project Proponent	Mr. D.B. Rao Designation: Executive Director M/s Privi Organics Ltd
3.	Consultants	M/s. Green Circle Inc.
5.	New Project / Expansion in existing project/ Modernization/ Diversification in exiting project	Expansion
6.	If expansion/ Diversification, whether environmental clearance	-

	has been obtained for existing project (If yes, enclose a copy with compliance table)					
7.	Activity schedule in the EIA Notification	5(F) Category B as per the provision of "EIA Notification No. S.O. 1533 (E)" dated 14.09.2006; amended on December 01, 2009.				
8.	Area Details	➤ Total plot area (sq. m.): 6525 ➤ Built up area (Sq. m.): 2823				
9.	Name of the Notified Industrial area / MIDC area	Maharashtra Industrial Development Corporation (MIDC) Tal-Mahad, Dist- Raigad				
10.	TOR given by SEAC? (If yes then specify the meeting)	No				
11.	Estimated capital cost of the Project (including cost for land, building, plant and machinery separately)	Sr.no.	Description	Amount in Lacs		
		1	Land & Building	5.82		
		2	Building (Factory + Office + Warehouse)	40.32		
		3	Plant & Machinery	340.46		
		4	Piping + Electrical + Instrumentations + Painting + Erection & Commissioning	69.3		
			Total	455.90		
12.	Location details of the project :	➤ Latitude: 18°06.509'N ➤ Longitude: 73°28.864'E ➤ Location: MIDC, Mahad, Dist- Raigad ➤ Elevation above Mean Sea Level (m): 22.86				
13.	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas / inter-State boundaries	No, Protected areas/ Critically polluted areas/ Eco- Sensitive areas/ inter- state boundaries present in an around the study area of Project.				
14.	Raw materials (including process chemicals, Catalysts & additives).	List of raw materials to be used	Physical and chemical nature of raw material	Quantity (tonnes/ year) full production capacity	Source of materials	Means of transportation (Source to storage site) with justification
		Attached as Annexure I				
15.	Production details	Name of Products, By products and	Existing (T/Year)	Proposed activity (new/ modernization)	Total (T/Year)	

		Intermediate Products		/ expansion) (T/Year)																							
		Main Products																									
		By-Products	Attached as Annexure II																								
		Intermediate Products																									
16.	Rain Water Harvesting (RWH)	<p>➤ Level of the Ground water table: 5.0 to 6.0 m</p> <p>➤ Size and no of RWH tank(s) and Quantity: One tank (145 KL)</p> <p>➤ Location of the RWH tank(s): At the lowest point on plot</p> <p>➤ Size, nos of recharge pits and Quantity: Not permitted</p> <p>➤ Budgetary allocation (Capital cost and O&M cost): Capital Cost (Lacs): 2.5 Lacs Recurring Cost (Lacs): 0.25 Lacs</p>																									
17.	Total Water Requirement	<p>Total water requirement:</p> <ul style="list-style-type: none">• Fresh water (CMD): Existing- 277.5 + Propose- 43.47 & Source: MIDC Water Supply, Total: 320.97• Recycled water (CMD): 5.0 <p>Use of the water</p> <table><tr><td>Process (CMD)</td><td>88.82</td></tr><tr><td>Cooling water (CMD)</td><td>170.69</td></tr><tr><td>DM Water (CMD)</td><td>-</td></tr><tr><td>Dust Suppression (CMD)</td><td>-</td></tr><tr><td>Drinking (CMD)</td><td>Included in domestic requirement</td></tr><tr><td>Green belt (CMD)</td><td>5.0 (Recycle)</td></tr><tr><td>Fire service (CMD)</td><td>-</td></tr><tr><td>Domestic (CMD)</td><td>12.5</td></tr><tr><td>Boiler (CMD)</td><td>48.96</td></tr><tr><td>Others (CMD)</td><td>-</td></tr><tr><td>Total</td><td>320.97</td></tr></table>				Process (CMD)	88.82	Cooling water (CMD)	170.69	DM Water (CMD)	-	Dust Suppression (CMD)	-	Drinking (CMD)	Included in domestic requirement	Green belt (CMD)	5.0 (Recycle)	Fire service (CMD)	-	Domestic (CMD)	12.5	Boiler (CMD)	48.96	Others (CMD)	-	Total	320.97
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Others (CMD)	-																										
Total	320.97																										
18.	Storm water drainage	<ul style="list-style-type: none">• Natural water drainage pattern	<p>The industry is located in Mahad MIDC area where all the facilities are available by MIDC. The land is having gentle slope. Runoff from surrounding areas ultimately joins to Savitri river and Kal through medium and small shallow streams.</p>																								
		<ul style="list-style-type: none">• quantity of storm water: 1984.3 (generated during monsoon)• Size of SWD: 160m²																									
19.	Sweage generation and treatment	<ul style="list-style-type: none">• Amount of Sweage generation (CMD): 10 CMD• Proposed treatment for the Sweage: Soak pit and Septic tank• Capacity of the STP (CMD) (If applicable): N/A																									
20.	Effluent characteristic	Sr. No.	Paramete rs	Inlet effluent Characteristic	Outlet effluent Charact e ristic	MPCB Standard																					

		1	pH	4-6	7-7.5	5.5-9																																																		
		2	COD	2000-3500	220	250																																																		
		3	BOD	900-1800	25	30																																																		
		4	NH ₄ ⁺ - N	5-10	2	50																																																		
		5	Oil & Grease	15-20	Nil	10																																																		
		6	TDS	3000-4000	1300	2100																																																		
21.	ETP details	<ul style="list-style-type: none">• Amount of effluent generation (CMD):122.24 (unit-1) +143.8 (unit-3) Total: 266.0 m³• Capacity of the ETP (CMD): 300 m³• Amount of treated effluent recycled (CMD): 5.0(unit-1)+ 38.8 (unit-3) Total: 43.8 m³• Amount of water send to the CETP (CMD): 221.0• Membership of the CETP (If require): If yes then attach the letter submit the letter Attached as Annexure VI																																																						
22.	Note on ETP technology to be used	The ETP is comprise of oil & grease trap chamber and equalization cum neutralization chamber in unit-1 and then forwarded to unit-3 in primary, secondary & tertiary treatment units viz. equalization tank, neutralization tank, aeration tank, primary & secondary clarifiers and final collection sump. A tertiary treatment in pressure sand filter and activated carbon filter would confirm the effluent characteristics to MPCB norms.																																																						
23.	Disposal of the ETP sludge (If applicable)	Forwarded to CHWTSDF																																																						
24.	Solid waste Management	<table><tr><th>Sr. No</th><th>Source</th><th>Qty in TPM (Existing+ Proposed)</th><th>Form(Sludge / Dry /Slurry etc.)</th><th>Composition</th></tr><tr><td colspan="5">Non-Hazardous Waste</td></tr><tr><td>1</td><td>Utility</td><td></td><td></td><td></td></tr><tr><td></td><td>Boiler ash</td><td>135</td><td>Dry & Solid</td><td>-</td></tr><tr><td></td><td>Insulation</td><td>0.054</td><td>Dry & Solid</td><td>-</td></tr><tr><td>2</td><td>Processes & Utility</td><td></td><td></td><td></td></tr><tr><td></td><td>MS Scrap</td><td>15.50</td><td>Dry & Solid</td><td>-</td></tr><tr><td>3</td><td>Canteen</td><td>0.45</td><td>Dry/Slurry & Solid</td><td>-</td></tr><tr><td>4</td><td>Office</td><td></td><td></td><td></td></tr><tr><td></td><td>(Paper, wood waste,</td><td>4.20</td><td>Dry & Solid</td><td>-</td></tr></table>					Sr. No	Source	Qty in TPM (Existing+ Proposed)	Form(Sludge / Dry /Slurry etc.)	Composition	Non-Hazardous Waste					1	Utility					Boiler ash	135	Dry & Solid	-		Insulation	0.054	Dry & Solid	-	2	Processes & Utility					MS Scrap	15.50	Dry & Solid	-	3	Canteen	0.45	Dry/Slurry & Solid	-	4	Office					(Paper, wood waste,	4.20	Dry & Solid	-
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			Plastic etc.)				
			Hazardous Waste				
		S. no	Type & Category of hazardous waste				Quantity
		1	Cat.no.-34.3 ETP Sludge				10MT/M
		2	Cat.no.-20.1 Residue and hydrocarbon				0.72MT/M
		3	Cat.no.-33.3 Discarded Containers	Drums		200nos/M	
				IBCs		10nos/M	
				Carboys		50nos/M	
		4	Cat.no.- 5.1 Spent oil				0.6 MT/M
		5	Cat.no.- 36.1 Sludge from MEE				0.9MT/M
		6	Battery rules,2002: Lead acid batteries				05Nos/A
		7	Cat.no.-5.2 Waste or residue containing oil				50Kg/M
		8	E-waste 2011- e-waste				30Kg/M
		<ul style="list-style-type: none">If waste(s) contain any hazardous/toxic substance/radioactive materials or heavy metals then provide quantity, disposal data and proposed precautionary measures.					
		Disposal Method: Sale to authorize party or forwarded to CHWTSDF, Taloja					
		<ul style="list-style-type: none">Possible users of solid waste					
		Boiler ash Sale to Brick Manufacture/Land filling and canteen waste sale to Vermiculture					
		<ul style="list-style-type: none">Method of disposal of solid waste					
		Sale to authorize party					

25.	Atmospheric Emissions (Flue gas characteristics SPM, SO ₂ , NO _x , CO, etc.)	Sr. No	Pollutant	Source of Emission	Emission rate (kg/hr)	Concentration in flue gas (Unit)
			SPM	Boiler 8TPH	0.6619	126 mg/Nm ³
			SO ₂		0.2345	26.5 ppm
			NO _x			Nil
			CO			Nil
			Others			Nil
			SPM	Boiler 3TPH	0.5313	124 mg/Nm ³
			SO ₂		0.2105	19.5 ppm
			NO _x			Nil
			CO			Nil
			Others			Nil

[illegible]

		SO ₂	-	Not to exceed	396 kg/day			
		SO ₂ /NO _x	-	Not to exceed	50 ppm			
		Acid mist/HCL	-	Not to exceed	35			
28.	Ambient Air Quality Data	Pollutant	Permissible Standard (µg/m ³)	Proposed Concentration (µg/m ³)	Remarks			
		PM ₁₀	100	85				
		PM _{2.5}	60					
		SO ₂	80	11.9				
		NO _x	80	15.1				
		CO	2 mg/m ³					
		Ammonia	400					
		Ozone	100					
		Lead	1.0					
		Arsenic	6.0 ng/m ³					
		Nickel	20.0 ng/m ³					
		Benzopyrene	1.0 ng/m ³					
29.	Details of Fuel to be used:	Sr. No	Fuel	Daily Consumption (TPD/KLD) ExistingProposed	Calorific value (Kcals /kg)	% Ash	% Sulphur	
		1	Gas	-	---	---	---	
		2	Naphtha	-	--	---	---	
		3	HSD	200 L/hr	-	12000	0.01	0.5
		4	Fuel Oil	4.4	-	10200	0.01	0.5
		5	Coal	20	-	5500-6000	7.0	1.5
		6	Lignite	-	---			
		7	Alternate fuel (Bio Fuel)	-	1.47	9000-10500	0.001	0.4
		<ul style="list-style-type: none">• Source of fuel: Local/Import• Mode of transportation of fuel to site: By Road						
30	Energy	Power supply: <ul style="list-style-type: none">• Existing power requirement: 600 KVA• Proposed power requirement: 85 KVA DG sets: <ul style="list-style-type: none">• Number and capacity DG sets to be used (existing and proposed) 2x 380 KVA (Existing) Details of the non-conventional renewable energy proposed to be used : N/A						

31.	Green Belt Development	• Green belt area (Sq. m.): 21.0 • Number and species of trees to be planted: 85 nos • Number, size, age and species of trees to be cut, trees to be transplanted: No tree to Cut																																																															
32	Details of Pollution Control Systems:	<table><tr><td>Sr. No.</td><td></td><td>Existing pollution control system</td><td>Proposed to be installed</td></tr><tr><td>1</td><td>Air</td><td>Stack</td><td>-</td></tr><tr><td>2</td><td>Water</td><td>ETP</td><td>-</td></tr><tr><td>3</td><td>Noise</td><td>Acoustic</td><td>Acoustic</td></tr><tr><td>4</td><td>Solid Waste</td><td>Proper storage</td><td>Proper storage</td></tr><tr><td></td><td></td><td></td><td></td></tr></table>				Sr. No.		Existing pollution control system	Proposed to be installed	1	Air	Stack	-	2	Water	ETP	-	3	Noise	Acoustic	Acoustic	4	Solid Waste	Proper storage	Proper storage																																								
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33	Environmental Management plan Budgetary Allocation	• Capital cost (With break up): 34.7 Lakhs (Opera+ Const) • O&M cost (With break up): 38.09 Lakhs (Operation) <table><tr><td>Sr. No.</td><td>Description</td><td>Recurring Cost in lacs per annum</td><td>Capital Cost in lacs</td></tr><tr><td>1</td><td>Air Pollution Control</td><td>5.0</td><td>5.0</td></tr><tr><td>2</td><td>Water Pollution Control</td><td>25.0</td><td>2.0</td></tr><tr><td>3</td><td>Noise Pollution Control</td><td>0.25</td><td>-</td></tr><tr><td>4</td><td>Environment Monitoring and Management</td><td>1.56</td><td>3.0</td></tr><tr><td>5</td><td>Reclamation borrow/mined area (If applicable)</td><td>-</td><td>-</td></tr><tr><td>6</td><td>Occupational Health</td><td>3.45</td><td>4.0</td></tr><tr><td>7</td><td>Green Belt</td><td>0.58</td><td>1.0</td></tr><tr><td>8</td><td>Solid waste management</td><td>2.0</td><td>5.0</td></tr><tr><td>9</td><td>Rain water harvesting</td><td>0.25</td><td>2.5</td></tr><tr><td>9</td><td>Others</td><td>0.0</td><td>10.0</td></tr><tr><td></td><td>Total</td><td>38.09</td><td>32.5</td></tr><tr><td colspan="4">Construction</td></tr><tr><td>Sr. No.</td><td>Description</td><td>Recurring Cost per annum</td><td>Capital Cost</td></tr><tr><td>1</td><td>Dust Suppression during</td><td>-</td><td>0.2</td></tr></table>				Sr. No.	Description	Recurring Cost in lacs per annum	Capital Cost in lacs	1	Air Pollution Control	5.0	5.0	2	Water Pollution Control	25.0	2.0	3	Noise Pollution Control	0.25	-	4	Environment Monitoring and Management	1.56	3.0	5	Reclamation borrow/mined area (If applicable)	-	-	6	Occupational Health	3.45	4.0	7	Green Belt	0.58	1.0	8	Solid waste management	2.0	5.0	9	Rain water harvesting	0.25	2.5	9	Others	0.0	10.0		Total	38.09	32.5	Construction				Sr. No.	Description	Recurring Cost per annum	Capital Cost	1	Dust Suppression during	-	0.2
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			costruction		
		2	Green Belt development	-	0.25
		3	Solid waste management	-	1.0
		4	Environment Monitoring	-	0.25
		5	Occupational Health	-	0.5
			Total		2.2
34.	EIA Submitted (If yes then submit the salient features)	•Period of data collected			March 2013 to May 2013
		•Details of the primary data collection (i.e. location of the sample collection, number of visit, etc)			
		•Details of the secondary data collection (i.e. Source and year of data)			India Meteorological Department, Pune
					National remote sensing centre, Hyderabad
					Geological Survey of India, Pune (Year- 2011)
					Directorate of Census Operations, Maharashtra (Year- 2001 & 2011)
35	Public hearing report (If public hearing conducted then submit the salient features)	•Date of the public hearing			Not applicable, project site is located in MIDC Mahad.
		•Name of the news paper in which the advertisement appeared (Please attach the copy)			
		•Location of the public hearing			
		•Number of people attended the hearing			
		•Objection(s) / Suggestion(s) if any			
36	Air pollution, water pollution issues in the project area, If any	Not, applicable Proposed project site is located in MIDC Mahad area			

List of Raw Materials

S. No	Product	Raw Materials	Consumption (MT /M)	Source	Type of Hazard	Transportation	Storage Condition
1	Amber fleur & Derivatives	Myrcene	367.60	Self made/Import / Domestic Market	Flammable	Road ways	Tank
2		MPO	268.80	Domestic Market	Flammable	Road ways	Tank
3		Boron trifluoride etherate	22.80	Domestic Market	Corrosive	Road ways	Drum
4		Sodium chloride (Salt)	2.40	Domestic Market	-	Road ways	Bag
5		Antioxidant	0.80	Domestic Market	Flammable	Road ways	Bag
6		Toluene	116.0	Domestic Market	High Flammable	Road ways	Tank
7		Phosphoric acid	42.0	Domestic Market	Corrosive	Road ways	Tank
8		Caustic soda	4.5	Domestic Market	Corrosive	Road ways	Bag
9		Sodium chloride (Salt)	1.60	Domestic Market	--	Road ways	Bag
10	Amber gamma	Myrcene	51.75	Self made/Import / Domestic Market	Flammable	Road ways	Tank
11		MPO	37.85	Domestic Market	Flammable	Road ways	Tank
12		Boron trifluoride etherate	3.25	Domestic Market	Corrosive	Road ways	Drum
13		Sodium chloride (Salt)	0.30	Domestic Market	-	Road ways	Bag
14		Antioxidant	0.10	Domestic Market	Flammable	Road ways	Bag
15		Toluene	61.90	Domestic Market	High Flammable	Road ways	Tank
16		Phosphoric acid	24.25	Domestic Market	Corrosive	Road ways	Tank
17		Caustic soda	0.11	Domestic Market	Corrosive	Road ways	Bag
18		Salt	0.05	Domestic	Flammable	Road ways	Bag

				Market	le		
19	Myrcene 90/Myrcene Supra	Myrcene	73.55	Self made/Import / Domestic Market	Flammable	Road ways	Tank
20	L-Limonene	PCM tops	100.0	Self made	Flammable	Road ways	Tank
21	Aldehyde C 11	Undecylenic acid	21.66	Domestic Market	-	Road ways	Drum
22		Formic acid	11.35	Domestic Market	Corrosive	Road ways	Drum
23		Methanol	7.56	Domestic Market	Flammable	Road ways	Tank
24		Paraffin	2.58	Domestic Market	-	Road ways	Drum
25		Catalyst MC	1.24	Domestic Market	-	Road ways	Drum
26		Soda ash	0.21	Domestic Market	Corrosive	Road ways	Bag
27		Salt	1.03	Domestic Market	-	Road ways	Bag
28	Citral extra pure	Citral	30.03	Domestic Market	Irritant	Road ways	Tank

List of Products & By-products

Products

S.N	Product	Category	Qty in MT/M		
			Existing Qty MTPM	Proposed Qty MTPM	Total Qty MTPM
1	Amber Fluor and its derivatives	Aroma Product	237.0	163	400.0
2	Amber gamma	Aroma Product	0.0	50.0	50.0
3	Myrcene 90 /Myrcene Supra	Aroma Product	0.0	50	50.0
4	L-Limonene	Aroma Product	0.0	25.0	25.0
5	Aldehyde C11	Aroma Product	0.0	12.0	12.0
6	Citral extra Pure	Aroma Product	0.0	30.0	30.0
7	Citronellol	Aroma Product	10	0	10
8	Geraniol	Aroma Product	0.5	0	0.5
9	PTBCHA	Aroma Product	0.5	0	0.5

10	Styrallyl Acetate	Aroma Product	0.5	0	0.5
11	Geranyl nitrile	Aroma Product	0.5	0	0.5
12	Citronellal Acetate	Aroma Product	0.4	0	0.4
13	Geranyl Acetate	Aroma Product	0.5	0	0.5
14	Ionones	Aroma Product	1	0	1
15	Dihydro Myrcenol	Aroma Product	1	0	1
16	Alpha Camphenelic Aldehyde Derivatives	Aroma Product	1	0	1
18	Rose Oxide	Aroma Product	0.5	0	0.5
19	Indian Sandle Fluer	Aroma Product	1	0	1
20	Indian Sandle Core	Aroma Product	9	0	9
21	Indian Sandle Touch	Aroma Product	0.5	0	0.5
22	GMI, NMI, AI, BI.	Aroma Product	6	0	6
		TOTAL	269.9	330	599.9

By-Products

S.No.	Products	By-Products	Existing Quantity (MT/M)	Proposed Quantity (MT/M)	Total Qty in (MT/M)	Utilization
1.	Amberfleur & Derivatives	Aqueous Fluoboric acid (Fluoroboric acid)	0.0	115.88	115.88	Sale to PCB registered party
2.		Spent Acid Layer (Spent phosphoric Acid)/Sodium Phosphate	40.0	40.0	80.0	Sale to PCB registered party
3.		Recovered Toluene	0.0	111.51	111.51	Reuse or Sale to PCB registered party
4.		Column Tops	0.0	120.41	120.41	Sale to PCB registered party
5.		Column	0.0	86.50	86.50	Sale to PCB registered party

		Bottom mass				
6.	Amber Gamma	Aqueous Fluoboric acid (Fluoroboric acid)	0.0	16.30	16.30	Sale to PCB registered party
7.		Spent Acid Layer (Spent phosphoric acid)/Sodium Phosphate	0.0	24.30	24.30	Sale to PCB registered party
8.		Recovered Toluene	0.0	60.15	60.15	Reuse or Sale to PCB registered party
9.		Column Tops	0.0	20.25	20.25	Sale to PCB registered party
10.		Column Bottom mass	0.0	15.65	15.65	Sale to PCB registered party
11.	Myrcene 90/Myrcene Supra	Column Tops	0.0	13.8	13.8	Sale to PCB registered party
12.		Column Bottom mass	0.0	8.30	8.30	Sale to PCB registered party
13.	L-Limonene	Column Tops	0.0	61.6	61.6	Sale to PCB registered party
14.		Column Bottom mass	0.0	11.50	11.50	Sale to PCB registered part
	Aldehyde C11	Column tops	0.0	1.8	1.8	sale to PCB registered party
		Column bottom mass	0.0	6.7	6.7	sale to PCB registered party
		Reaction bottom mass	0.0	4.0	4.0	sale to PCB registered party
1.	Existing Byproducts	Rose Dial	2.2	0.0	2.2	Sale to PCB registered party
2.		Spent Sulphuric Acid	475.0	0.0	475.0	Sale to PCB registered party
3		Tops and Residues	20.0	0.0	20.	Sale to PCB registered party

3. The proposal has been considered by SEIAA in its 87th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions :


General Conditions for Pre- construction phase:-

- (i) No additional land shall be used /acquired for any activity of the project without obtaining proper permission.
- (ii) For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.
- (iii) Regular monitoring of the air quality, including SPM & SO₂ levels both in work zone and ambient air shall be carried out in and around the power plant and records shall be maintained. The location of monitoring stations and frequency of monitoring shall be decided in consultation with Maharashtra Pollution Control Board (MPCB) & submit report accordingly to MPCB.
- (iv) Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.
- (v) Proper Housekeeping programmers shall be implemented.
- (vi) In the event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation and shall not be restarted until the desired efficiency has been achieve.
- (vii) A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If applicable)
- (viii) A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
- (ix) Arrangement shall be made that effluent and storm water does not get mixed.
- (x) Periodic monitoring of ground water shall be undertaken and results analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.
- (xi) Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.
- (xii) The overall noise levels in and around the plant are shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise levels shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.
- (xiii) Green belt shall be developed & maintained around the plant periphery. Green Belt Development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/ Agriculture Dept.
- (xiv) Adequate safety measures shall be provided to limit the risk zone within the plant boundary, in case of an accident. Leak detection devices shall also be installed at strategic places for early detection and warning.
- (xv) Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
- (xvi) The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
- (xvii) The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Waste (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collections/treatment/storage/disposal of hazardous wastes.

- (xviii) The company shall undertake following Waste Minimization Measures :
- Metering of quantities of active ingredients to minimize waste.
 - Reuse of by- products from the process as raw materials or as raw material substitutes in other process.
 - Maximizing Recoveries.
 - Use of automated material transfer system to minimize spillage.
- (xix) Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.
- (xx) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxi) Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.
- (xxii) Separate silos will be provided for collecting and storing bottom ash and fly ash.
- (xxiii) Separate funds shall be allocated for implementation of environmental protection measures/EMP along with item-wise breaks-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should reported to the MPCB & this department
- (xxiv) The project management 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 clearance letter are available with the Maharashtra Pollution Control Board and may also be seen at Website at <http://ec.maharashtra.gov.in>
- (xxv) Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard & soft copies to the MPCB & this department, on 1st June & 1st December of each calendar year.
- (xxvi) A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.
- (xxvii) The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
- (xxviii) The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF, the respective Zonal Office of CPCB and the SPCB.
- (xxix) The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF by e-mail.
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. The Environment department reserves the right 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.
6. **Validity of Environment Clearance:** The environmental clearance accorded shall be valid for a period of 7 years as per MoEF&CC Notification dated 29th April, 2015 to start of production operations.
7. 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.
8. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
9. Any appeal against this environmental 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.


(Malini Shankar)
Member Secretary, SEIAA.

Copy to:

1. Shri. R. C. Joshi, IAS (Retd.), Chairman, SEIAA, Flat No. 26, Belvedere, Bhulabhai desai road, Breach candy, Mumbai- 400026.
2. Shri T. C. Benjamin, IAS (Retired), Chairman, SEAC-I, 602, PECAN, Marigold, Behind Gold Adlabs, Kalyani Nagar, Pune - 411014. .
3. Additional Secretary, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
4. Member Secretary, Maharashtra Pollution Control Board, with request to display a copy of the clearance.
5. The CCF, Regional Office, Ministry of Environment and Forest (Regional Office, Western Region, Kendriya Paryavaran Bhavan, Link Road No- 3, E-5, Ravi-Shankar Nagar, Bhopal- 462 016). (MP).

6. Regional Office, MPCB, Raigad.
7. Collector, Raigad
8. IA- Division, Monitoring Cell, MoEF & CC, Indira Paryavaran Bhavan, Jorbagh Road, Aliganj, New Delhi-110003.
9. Select file (TC-3)

(EC uploaded on 15/10/2015)

MAHARASHTRA POLLUTION CONTROL BOARD

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



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

RED/L.S.I (R22)
No:- Format1.0/CC/UAN
No.0000151650/CO/2304000648

Date: 11/04/2023

To,
Privi Speciality Chemicals Limited (Unit-I)
A-7,MIDC Mahad
Mahad,Raigad-Raigad



Your Service is Our Duty

Sub: Grant of Consent to operate with change in product mix under RED/LSI Category

- Ref:**
1. Earlier Consent accorded by the Board vide no.Format1.0/AST/UAN No.0000095236/CR-2011000997 dated 17.11.2020.
 2. Environmental; Clearance obtained vide no.SEAC-2013/CR-242/TC-2 dated 08.10.2015.
 3. Minutes of 3 rd Technical Comittee meeting held on 12.12.2022.
 4. Minutes of 33 rd CC Meeting held on 01.03.2023.

Your application No.MPCB-CONSENT-0000151650 Dated 28.10.2022

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

1. **The consent to operate is granted for a period up to 31/08/2025**
2. **The capital investment of the project is Rs.0.05 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 65.18 Crs + Expansion/Increase in C.I. - Rs.0.05 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
Products					
1	Amber Fluor and its derivatives , Amber gamma ,Cedarketol	5640	480	6120	Ton/Y
2	Indian Sandal Core	300	-60	240	Ton/Y
3	L-Limonene	300	121	421	Ton/Y
4	Distillation of Aroma chemicals	0	468	468	Ton/Y

Sr No	Product	Existing Quantity	Proposed Quantity	Total	UOM
5	PCM Fractions	0	1659	1659	Ton/Y
6	Amber odour blend 5091	0	1175	1175	Ton/Y
7	Woody odour 5099	0	197	197	Ton/Y
8	Limonene -LP	0	953	953	Ton/Y
9	Citronellol (COL)	0	0	60	Ton/Y
10	Rose Oxide	0	114	120	Ton/Y
11	Cedar Ketol	0	80	80	Ton/Y
12	Citral Extra Pure	240	-120	120	Ton/Y

Product no.5 to 8 are manufactured by Formulation by blending of fractions .product no.9,10,11,12 are repacking and sale product

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	111.42	As per Schedule-I	To common ETP at sister concern at Plot no.A-3 ,MIDC Mahad
2.	Domestic effluent	10	As per Schedule-I	To common ETP at sister concern at Plot no.A-3 ,MIDC Mahad

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	DG set (380 KVA)	1	As per Schedule -II
2	S-2	DG SET (380 KVA)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Insulation Material	0.65	Ton/Y	Sale	Sale to authorized party
2	MS Scrap	186	Ton/Y	Sale	Sale to authorized party
3	Other Waste (Wood, Paper, Glass, Decontaminated Plastic)	50.4	Ton/Y	Sale	Sale to authorized party
4	Canteen Waste	5.4	Ton/Y	Composting	Used as mannure

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

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	3120	Nos./Y	Decontamination at site	Sale to authorized party after decontamination / recycler
2	5.2 Wastes or residues containing oil	600	Kg/Annum	Incineration/ Recycle	Sale to authorised party / CHWTSDF
3	35.3 Chemical sludge from waste water treatment	120	Ton/Y	Landfill	CHWTSDF
4	Aqueous Fluoroboric acid (Fluoroboric acid) or	827	Ton/Y	Recycle	Sale to authorised party / CHWTSDF
5	Potassium/Sodium/ Calcium Tetrafluoroborate	313	Nos./Y	Recycle	Sale to authorised party / CHWTSDF
6	5.1 Used or spent oil	7.20	Ton/Y	Recycle	Sale to authorized reprocessor
7	RECOVERED TOLUENE	29.99	Ton/Y	Recycle	Recycle/reuse Sale to authorized party/ CHWTSDF
8	RECOVERED METHANOL	314.40	Ton/Y	Recycle*	Reuse/recycle/ Sale to authorized party/ CHWTSDF

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

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

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Lead acid batteries	5.00	Nos./Y	Sale to authorized party

Specific Conditions for used Batteries:

- 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.
- The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.
- 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	360.00	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. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
 13. The applicant shall properly collect, transport & regularly dispose-off the Hazardous Waste to CHWTSDf, in compliance of the Hazardous and other Waste (M & TH) Rule-2016 and keep proper manifest thereof.
 14. This consent is issued pursuant to the decision of the 33 rd Consent Committee Meeting held on 01.03.2023
 15. This consent is issued pursuant to the decision of the 3 rd Technical Committee Meeting held on 12.12.2022
 16. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. SEAC-2013/CR-242/TC-2 dtd. 08/10/2015.
 17. Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server .
 18. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.
 19. The applicant shall not carry out any excess production or produce new products without Consent of the Board and without Environmental Clearance wherever it applicable.
 20. This consent is issued as per the Office Order for Consent Management of the Board No. 12/2020 dtd. 23.12.2020.
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.



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Signed by: Dr. J.B. Sangewar
Assistant Secretary (Technical)
For and on behalf of,
Maharashtra Pollution Control Board
ast@mpcb.gov.in
2023-04-11 18:11:32 IST

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	1500.00	TXN2211000172	18/11/2022	Online Payment

Copy to:

1. Regional Officer, MPCB, Raigad and Sub-Regional Officer, MPCB, Mahad
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai

SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] ETP with design capacity of 300 cmd followed by RO-300 cmd & MEE - 72 cmd & ATFD 15 KLD are provided to treat effluent generated from Unit - I & Unit - III. From Unit - I (Plot A- 7) 121.42 cmd , out of which 5 cmd High TDS effluent & 117 cmd low stream of Effluent will be transferred to Unit -III (Plot No A-3) through separate pipeline. High TDS effluent with Unit-III high TDS effluent & Treated in ATFD & Low Streams mixed with Unit-III low COD streams treated in ETP. Unit - III (Plot No. A-3) Out of 160 cmd, 20 cmd treated in STP & treated effluent mixed in ETP & further treated. Out 140 cmd , 134 cmd low stream effluent treated along with U-I low stream effluent in ETP & 6 cmd High TDS effluent treated along with Unit-I high TDS effluent in ATFD. Total effluent i.e. total 281.42 cmd of effluent is treated in ETP, RO, MEE followed by ATFD, treated effluent 217 cmd shall be discharged to CETP & remaining 64.42 cmd recycled in cooling water of both Units (Unit-I & Unit-III). Industry has provided separate line for treated water to Unit-I for recycle of the same in cooling Tower.
- B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act, 1986 and Rules made there under from time to time, whichever is stringent:

Sr.No	Parameters	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	6.0 -8.5
(2)	BOD (3 days 27°C)	30
(3)	COD	250
(4)	TSS	100
(5)	Oil & Grease	10
(6)	Ammonical Nitrogen	50
(7)	Phosphates as P	5
(8)	Sulphides as S	2
(9)	Phenolic Compounds	1
(10)	Cyanide (as HCN)	0.1
(11)	Arsenic	0.2
(12)	Mercury	0.01
(13)	Lead	0.1
(14)	TDS	2100

- C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
- D] The treated effluent shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, effluent shall find its way for gardening / outside factory premises.
2. A] As per your application, primary treated sewage connected to Effluent Treatment Plant for further treatment & disposal.



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

3. The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification 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.
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	219.65
2.	Domestic purpose	12.50
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	82.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0

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:

- 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	DG set (380 KVA)	Acoustic Enclosure	4.00	HSD 200 Ltr/Hr	1.0	SO2	96 Kg/Day
						TPM	50 Mg/Nm ³
2	DG SET(380 KVA)	Acoustic Enclosure	4.00	HSD 200 Ltr/Hr	1.0	SO2	96 Mg/Nm ³
						TPM	50 Mg/Nm ³
						SO2	-

STACK HEIGHT ARE 4 MTRS ABOVE THE ROOF .Privi specialty chemicals ltd. Unit III,PLOT No.A-3 is supplying steam requirement of unit 1.

- 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.
- 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.
- 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	5,00,000/-	Existing to be extended	Towards compliance of conditions and O & M of PCS.	Continuous	28.02.2026

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 them.
 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 siting 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



This certificate is digitally & electronically signed.



PRIVI SPECIALITY CHEMICALS LIMITED, I

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

DEPARTMENT: Administration

TITLE: Housekeeping Checklist - Daily Cleaning

Housekeeping Checklist - Daily Cleaning																															
Sr No	Points to be checked	Month :- Nov-2023																													
		Date:	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
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																															

Admin

Preventive Maintenance Plan For APR-2023-Dec 2023

FORM NO- MT/FO/MPM/JAN-22

				Jul-23			Oct-23		
S.No	Machine	Job Category	Job Frequency	Planning Date	Completion Date	Permit no	Planning Date	Completion Date	Permit no
1	ETP inlet pump – A	PM	QUARTERLY	07-07-2023	07-07-2023	10023432	07-10-2023	07-10-2023	10030371
2	ETP inlet pump – B	PM	QUARTERLY	07-07-2023	07-07-2023	10023433	07-10-2023	07-10-2023	10030372
3	ETP outlet pump – A	PM	QUARTERLY	08-07-2023	08-07-2023	10023512	08-10-2023	08-10-2023	10030494
4	ETP outlet pump – B	PM	QUARTERLY	08-07-2023	08-07-2023	10023513	08-10-2023	08-10-2023	10030496
5	Domestic tank pump	PM	QUARTERLY	09-07-2023	09-07-2023	10023566	09-10-2023	09-10-2023	10030544
6	ETP Air Blower	PM	QUARTERLY	09-07-2023	09-07-2023	10023565	09-10-2023	09-10-2023	10030542
Asst. Manager Maintenance						Manager Production			

Annexure-III

Privi Speciality Chemicals Ltd. Unit-I

Details of Funds for Environment Protection

S. No.	Pollution Control Measures	Capital Cost Per Annum (Lakhs)
1	Green Belt development	4.0
2	Solid waste management	8.0
3	Environment Monitoring (Monitoring charges for air, water, noise)	4.0
4	Occupational Health & Hygiene (Includes cost of medical checkup, PPE & first aid kit and PPE, first aid facility, safe drinking water plant & sanitation measures, EHS training & awareness program)	20.0
5	Air Pollution Control Measures	22.0
6	Water Pollution Control Measures	95.0
8	Rain Water Harvesting	0.5
9	CSR /CER Activity	5.0
Total		158.5

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

ENalyze*

ULR No.: Not Applicable

Ambient Air Quality Monitoring Report

Report No. AB/PSC/08/2023-24/1243

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309, Maharashtra, India		Sample Code		AB/PSC/08/2023-24/1243	
		Sample Name /Location		(A4) 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		18/08/2023	
		Sample Received on Date		20/08/2023	
		Sample Condition / Description		Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.	
		Analysis Date		21/08/2023 to 26/08/2023	
		Analysis Done At		Aavanira Biotech Pvt Ltd	
Reporting Date		26/08/2023			
Sample returned /stored		Stored at 4°C for 1 week from the date of reporting			
Instrument Details		Ambient Fine Dust Sampler, AB/Tech/Instr/120 Calibrated on –10/07/2023 Due On–09/07/2024			
Ambient Temperature		31.0°C	Relative Humidity(RH)	45 %	
Sampling Duration		24 Hrs.			
Time of Sampling		01:35 p.m. to 01:35 p.m.			
Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM ₁₀)	77.81	µg/m ³	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter (PM _{2.5})	31.68	µg/m ³	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO ₂)	22.4	µg/m ³	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	25.8	µg/m ³	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O ₃)	10.0	µg/m ³	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	BDL[D.L.=0.1]	µg/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)	11.5	µg/m ³	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C ₆ H ₆)	BDL[D.L.=0.02]	µg/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
—End of Report—



Authorized By – Technical Manager/
Dy. Technical Manager

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

ENalyze*

ULR No.: Not Applicable					
Ambient Air Quality Monitoring Report				Report No. AB/PSC/08/2023-24/1244	
Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309, Maharashtra, India		Sample Code		AB/PSC/08/2023-24/1244	
		Sample Name /Location		(A5) Near N ₂ Plant North Side	
		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		18/08/2023	
		Sample Received on Date		20/08/2023	
		Sample Condition / Description		Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.	
		Analysis Date		21/08/2023 to 26/08/2023	
		Analysis Done At		Aavanira Biotech Pvt Ltd	
		Reporting Date		26/08/2023	
Sample returned /stored		Stored at 4°C for 1 week from the date of reporting			
Instrument Details		Ambient Fine Dust Sampler, AB/Tech/Instr/132 Calibrated on –10/07/2023 Due On–09/07/2024			
Ambient Temperature		32.0°C	Relative Humidity(RH)		45 %
Sampling Duration		24 Hrs.			
Time of Sampling		01:50 p.m. to 01:50 p.m.			
Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM ₁₀)	69.12	µg/m ³	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter (PM _{2.5})	30.28	µg/m ³	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO ₂)	22.7	µg/m ³	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NO _x)	25.5	µg/m ³	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O ₃)	10.1	µg/m ³	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	BDL[D.L.=0.1]	µg/m ³	≤ 1.0	SOP No. AB/TECH/CHM/SOP/A/07
7.	Carbon Monoxide (CO)	1.58	mg/m ³	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH ₃)	18.5	µg/m ³	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C ₆ H ₆)	BDL[D.L.=0.02]	µg/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

—End of Report—



Authorized By – Technical Manager/
Dy. Technical Manager

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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

ENalyze*

ULR No.: Not Applicable

Ambient Air Quality Monitoring Report Report No. AB/PSC/08/2023-24/1245

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309, Maharashtra, India		Sample Code		AB/PSC/08/2023-24/1245	
		Sample Name /Location		(A6) Solvent Tank Farm	
		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		18/08/2023	
		Sample Received on Date		20/08/2023	
		Sample Condition / Description		Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.	
		Analysis Date		21/08/2023 to 26/08/2023	
		Analysis Done At		Aavanira Biotech Pvt Ltd	
Reporting Date		26/08/2023			
Sample returned /stored		Stored at 4°C for 1 week from the date of reporting			
Instrument Details		Ambient Fine Dust Sampler, AB/Tech/Instr/133 Calibrated on –10/07/2023 Due On–09/07/2024			
Ambient Temperature		32.5 ^o C	Relative Humidity(RH)	45 %	
Sampling Duration		24 Hrs.			
Time of Sampling		01:50 p.m. to 01:50 p.m.			
Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM ₁₀)	72.88	µg/m ³	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter (PM _{2.5})	32.35	µg/m ³	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO ₂)	21.7	µg/m ³	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	25.0	µg/m ³	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O ₃)	12.5	µg/m ³	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	BDL[D.L.=0.1]	µg/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)	16.0	µg/m ³	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C ₆ H ₆)	BDL[D.L.=0.02]	µg/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
—End of Report—



Authorized By – Technical Manager/
Dy. Technical Manager

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ENalyze*

Workzone Air Quality Monitoring Report						Report No. AB/PSC/08/2023-24/1246	
Name of Client & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309,Maharashtra, India		Sample Code		AB/PSC/08/2023-24/1246			
		Sample Name /Location		Blending Area-Ground Floor			
		Sample Type		Workzone Air			
		Method of Sampling		NIOSH Manual			
		Sample Collected By		Aavanira Biotech Pvt. Ltd.,			
		Sample Collected On		19/08/2023			
		Sample Received on Date		20/08/2023			
		Sample Condition / Description		Filter Papers & Glass Tube in sealed case.			
		Analysis Date		20/08/2023 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					
Instrument Details		Portable Gas Sampler, AB/Tech/Instr/138 Calibrated on –10/07/2023 Due On–09/07/2024					
Ambient Temperature		33.0 ⁰ C	Relative Humidity(RH)		40 %		
Sampling Duration		08 Hrs.					
Time of Sampling		10:40 a.m.					
Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method		
1	Hydrocarbon(HC)	1.28	mg/m ³	N.S.	NIOSH Manual		
2	Toluene	0.95	mg/m ³	<375	NIOSH Manual		
3	Acid Mist	BDL	mg/m ³	<1.0	NIOSH Manual		
4	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
-----End of Report-----

Authorized By – Technical Manager/
Dy. Technical Manager



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ENalyse*

Workzone Air Quality Monitoring Report Report No. AB/PSC/08/2023-24/1247					
Name of Client & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309,Maharashtra, India	Sample Code		AB/PSC/08/2023-24/1247		
	Sample Name /Location		Main Plant-Ground Floor		
	Sample Type		Workzone Air		
	Method of Sampling		NIOSH Manual		
	Sample Collected By		Aavanira Biotech Pvt. Ltd.,		
	Sample Collected On		19/08/2023		
	Sample Received on Date		20/08/2023		
	Sample Condition / Description		Filter Papers & Glass Tube in sealed case.		
	Analysis Date		20/08/2023 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			
Instrument Details		Portable Gas Sampler, AB/Tech/Instr/94 Calibrated on –10/07/2023 Due On–09/07/2024			
Ambient Temperature		32.0°C	Relative Humidity(RH)		45 %
Sampling Duration		08 Hrs.			
Time of Sampling		11:35 a.m.			
Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method
1	Hydrocarbon(HC)	0.89	mg/m ³	N.S.	NIOSH Manual
2	Toluene	0.75	mg/m ³	<375	NIOSH Manual
3	Acid Mist	BDL	mg/m ³	<1.0	NIOSH Manual
4	VOCs (B-T-X)	BDL	ppm	N.S.	GC Method

N.S. = Not Specified

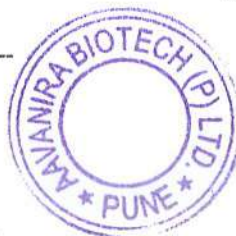
BDL: Below Detectable Limit

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

Verified By – Quality Manager

Govt. Analyst
-----End of Report-----

Authorized By – Technical Manager/
Dy. Technical Manager



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

ENalyze*

Personal Air Quality Monitoring Report Report No. AB/PSC/08/2023-24/1248					
Name of Client & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309,Maharashtra, India		Sample Code		AB/PSC/08/2023-24/1248	
		Sample Name /Location		Amber Fleur Plant-First Floor-R-11/13	
		Sample Type		Personal Air	
		Method of Sampling		NIOSH Manual	
		Sample Collected By		Aavanira Biotech Pvt. Ltd.,	
		Sample Collected On		19/08/2023	
		Sample Received on Date		20/08/2023	
		Sample Condition / Description		Filter Papers & Glass Tube in sealed case.	
		Analysis Date		20/08/2023 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			
Instrument Details		Portable Gas Sampler, AB/Tech/Instr/92 Calibrated on -10/07/2023 Due On-09/07/2024			
Ambient Temperature		30.8 ^o C	Relative Humidity(RH)		40 %
Sampling Duration		08 Hrs.			
Time of Sampling		11:20 a.m.			
Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method
1	Hydrocarbon (HC)	1.38	mg/m ³	N.S.	NIOSH Manual
2	Myrcene	BDL	mg/m ³	N.S.	NIOSH Manual
3	Acid Mist	0.55	mg/m ³	<1.0	NIOSH Manual
4	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
-----End of Report-----


Authorized By – Technical Manager/
Dy. Technical Manager



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

ENalyze*

Personal Air Quality Monitoring Report						Report No. AB/PSC/08/2023-24/1249
Name of Client & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309,Maharashtra, India		Sample Code		AB/PSC/08/2023-24/1249		
		Sample Name /Location		Tower Plant-Ground Floor		
		Sample Type		Personal Air		
		Method of Sampling		NIOSH Manual		
		Sample Collected By		Aavanira Biotech Pvt. Ltd.,		
		Sample Collected On		19/08/2023		
		Sample Received on Date		20/08/2023		
		Sample Condition / Description		Filter Papers & Glass Tube in sealed case.		
		Analysis Date		20/08/2023 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				
Instrument Details		Portable Gas Sampler, AB/Tech/Instr/92 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		04:10 p.m.				
Sr. No.	Parameter	Result	Unit	The Factories Act 1948, standards	Standard Method	
1	Hydrocarbon(HC)	0.98	mg/m ³	N.S.	NIOSH Manual	
2	Methanol	0.52	mg/m ³	<260	NIOSH Manual	
3	Acid Mist	BDL	mg/m ³	<1.0	NIOSH Manual	
4	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
-----End of Report-----

Authorized By – Technical Manager/
Dy. Technical Manager



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

ENalyze*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1250

Client Details Name & Address:

M/s. Privi Speciality
Chemicals Ltd., (Unit-I)
Plot No.A-07, MIDC Mahad
Dist-Raigad-402309
Maharashtra, India

Sample Code	AB/PSC/08/2023-24/1250
Sample Name /Location	S-2 DG Set 380 KVA -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	19/08/2023
Sample Received on Date	20/08/2023
Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
Analysis Date	20/08/2023 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

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

12:15 p.m.

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	4.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	398	°K
6	Differential Pressure	6.6	mmWG
7	Velocity	10.48	m/s
8	Diameter of Stack	0.4	mtr.
9	Stack Area	0.0176	m ²
10	Gas Volume	497.04	Nm ³ /Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	55.84	mg/Nm ³	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO ₂)	60.58	mg/Nm ³	--	IS 11255 Part 2:1985(R.A.:2019)
		0.72	Kg/day	N.S.	
3	Oxides of Nitrogen(NOx)	2.83	ppm	--	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	N.D.	mg/Nm ³	<35	US EPA Method 8 A
5	Acid Mist	N.D.	ppm	<35	US EPA Method 8 A

N.D.: Not Detected

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

Verified By – Quality Manager

Govt. Analyst

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

Authorized By – Technical Manager/
Dy. Technical Manager

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

ENalyze*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/1251

Client Details Name & Address:

**M/s. Privi Speciality
Chemicals Ltd., (Unit-I)
Plot No.A-07, MIDC Mahad
Dist-Raigad-402309
Maharashtra, India**

Sample Code	AB/PSC/08/2023-24/1251
Sample Name /Location	S-3 DG Set 380 KVA -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	19/08/2023
Sample Received on Date	20/08/2023
Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
Analysis Date	20/08/2023 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

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	4.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	411	°K
6	Differential Pressure	5.9	mmWG
7	Velocity	9.82	m/s
8	Diameter of Stack	0.4	mtr.
9	Stack Area	0.0176	m ²
10	Gas Volume	482.35	Nm ³ /Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	50.35	mg/Nm ³	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO ₂)	51.27	mg/Nm ³	--	IS 11255 Part 2:1985(R.A.:2019)
		0.56	Kg/day	N.S.	
3	Oxides of Nitrogen(NO _x)	1.32	ppm	--	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	N.D.	mg/Nm ³	<35	US EPA Method 8 A
5	Acid Mist	N.D.	ppm	<35	US EPA Method 8 A

N.D.: Not Detected

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

Verified By – Quality Manager

Govt. Analyst

—End of Report—

Authorized By – Technical Manager/
Dy. Technical Manager

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

ENalyze*

Ambient Noise Monitoring Report							Report No. AB/PSC/08/2023-24/1252
Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309 Maharashtra, India		Sample Code		AB/PSC/08/2023-24/1252			
		Sample Type		Ambient Noise			
		Method of Sampling		IS:9876 (RA:2001)			
		Sample Collected By		Aavanira Biotech Pvt. Ltd.			
		Sample Collected On		18/08/2023			
		Reporting Date		27/08/2023			
Instrument Details		Sound Level Meter, AB/Tech/Instr/220 Calibrated on –10/07/2023 Due On–09/07/2024					
Sr. No.	Test Location	Day Time		Night Time		Unit	
		Time in Hrs.	Readings	Time in Hrs.	Readings		
1.	BSR Area	13:15	70.8	22:25	58.8	dB(A)	
2.	Main Plant	13:18	66.8	22:26	62.4	dB(A)	
3.	Utility Area	13:35	72.0	22:27	62.4	dB(A)	
4.	ISC	13:38	64.1	22:28	61.9	dB(A)	
5.	DG Set	13:40	72.2	22:35	62.3	dB(A)	
6.	AF Plant Area	13:45	70.5	22:38	64.6	dB(A)	
7.	Garbage Area	13:48	69.9	22:40	64.7	dB(A)	
8.	Near Main Gate	13:50	69.2	22:42	62.8	dB(A)	
9.	Near N2 Plant North Side	13:55	69.5	22:45	62.2	dB(A)	
10.	Solvent Tank Farm	13:58	66.8	22:50	62.5	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

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

Authorized By – Technical Manager /
Dy. Technical Manager



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ENalyze*

DG Insertion Loss Monitoring Report

Report No. AB/PSC/08/2023-24/1253

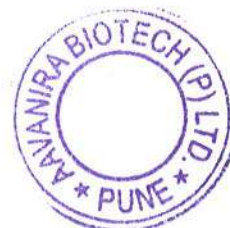
DG Insertion Loss Monitoring Report							Report No. AB/PSC/08/2023-24/1253		
Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309 Maharashtra, India			Sample Code		AB/PSC/08/2023-24/1253				
			Sample Type		DG Insertion Loss Noise				
			Method of Sampling		IS : 4758 (RA:2017)				
			Sample Collected By		Aavanira Biotech Pvt. Ltd.				
			Sample Collected On		18/08/2023				
			Reporting Date		27/08/2023				
Instrument Details			Sound Level Meter, AB/Tech/Instr/223 Calibrated on -10/07/2023 Due On-09/07/2024						
Sr. No.	Test Location	DG ON (Open) Door 0.5 Meter away	DG ON (Closed Door 0.5 Meter away)					For Insertion Loss	Unit
			N1	N2	N3	N4	Avg.		
1.	DG Set (380 KVA)No.1	99.0	73.6	74.3	73.5	73.4	73.7	25.3	dB(A)
2.	DG Set (380 KVA)No.2	98.9	73.4	73.6	73.8	73.5	73.6	25.3	dB(A)

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

Verified By – Quality Manager

Govt. Analyst
-----End of Report-----

Authorized By – Technical Manager/
Dy. Technical Manager



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ENalyze*

ULR No.: Not Applicable					
Ambient Air Quality Monitoring Report				Report No. AB/PSC/11/2023-24/305	
Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309, Maharashtra, India		Sample Code		AB/PSC/11/2023-24/305	
		Sample Name /Location		(A4) 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		09/11/2023	
		Sample Received on Date		11/11/2023	
		Sample Condition / Description		Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.	
		Analysis Date		11/11/2023 to 18/11/2023	
		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		30.0°C	Relative Humidity(RH)	48 %	
Sampling Duration		24 Hrs.			
Time of Sampling		01:40 p.m. to 01:40 p.m.			
Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM ₁₀)	80.26	µg/m ³	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter (PM _{2.5})	32.50	µg/m ³	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO ₂)	23.6	µg/m ³	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NO _x)	28.2	µg/m ³	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O ₃)	10.5	µg/m ³	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	BDL[D.L.=0.1]	µg/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)	13.0	µg/m ³	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C ₆ H ₆)	BDL[D.L.=0.02]	µg/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
—End of Report—

Authorized By – Technical Manager/
Dy. Technical Manager



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ENalyze*

ULR No.: Not Applicable					
Ambient Air Quality Monitoring Report				Report No. AB/PSC/11/2023-24/306	
Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309, Maharashtra, India		Sample Code		AB/PSC/11/2023-24/306	
		Sample Name /Location		(A5) Near N ₂ Plant North Side	
		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		09/11/2023	
		Sample Received on Date		11/11/2023	
		Sample Condition / Description		Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.	
		Analysis Date		11/11/2023 to 18/11/2023	
		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		30.0 ^o C	Relative Humidity(RH)	38 %	
Sampling Duration		24 Hrs.			
Time of Sampling		02:00 p.m. to 02:00 p.m.			
Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM ₁₀)	72.80	µg/m ³	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter (PM _{2.5})	35.12	µg/m ³	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO ₂)	26.0	µg/m ³	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NO _x)	28.5	µg/m ³	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O ₃)	11.2	µg/m ³	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	BDL[D.L.=0.1]	µg/m ³	≤ 1.0	SOP No. AB/TECH/CHM/SOP/A/07
7.	Carbon Monoxide (CO)	1.65	mg/m ³	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH ₃)	19.2	µg/m ³	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C ₆ H ₆)	BDL[D.L.=0.02]	µg/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
—End of Report—


Authorized By – Technical Manager/
Dy. Technical Manager



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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

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ULR No.: Not Applicable

Ambient Air Quality Monitoring Report

Report No. AB/PSC/11/2023-24/307

Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd., (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309, Maharashtra, India		Sample Code		AB/PSC/11/2023-24/307	
		Sample Name /Location		(A6) Solvent Tank Farm	
		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		09/11/2023	
		Sample Received on Date		11/11/2023	
		Sample Condition / Description		Liquids of 30 ml in Sealed & intact plastic Containers, Filter Papers in sealed case.	
		Analysis Date		11/11/2023 to 18/11/2023	
		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		30.0°C	Relative Humidity(RH)	40 %	
Sampling Duration		24 Hrs.			
Time of Sampling		02:30 p.m. to 02:30 p.m.			
Sr. No.	Parameter	Results	Units	NAAQ Standards	Standard Method
1.	Particulate Matter (PM ₁₀)	78.90	µg/m ³	≤ 100	IS 5182 Part 23 : 2006 (R.A.:2017)
2.	Particulate Matter (PM _{2.5})	34.11	µg/m ³	≤ 60	IS 5182 Part 24 : 2019
3.	Sulphur Dioxide (SO ₂)	23.2	µg/m ³	≤ 80	IS 5182 Part 2 : 2001 (R.A.:2017)
4.	Oxides of Nitrogen (NOx)	26.8	µg/m ³	≤ 80	IS 5182 Part 6 : 2006 (R.A.:2017)
5.	Ozone (O ₃)	13.0	µg/m ³	≤ 180 (1 Hr.)	IS: 5182 Part 9 : 1974 (R.A.:2019)
6.	Lead (Pb)	BDL[D.L.=0.1]	µg/m ³	≤ 1.0	SOP No. AB/TECH/CHM/SOP/A/07
7.	Carbon Monoxide (CO)	1.70	mg/m ³	≤ 04 (1 Hr.)	IS 5182 Part 10 : 1999 (R.A.:2019)
8.	Ammonia (NH ₃)	15.8	µg/m ³	≤ 400	IS 5182 Part 25 : 2018
9.	Benzene (C ₆ H ₆)	BDL[D.L.=0.02]	µg/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
—End of Report—



Authorized By – Technical Manager/
Dy. Technical Manager

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ISO 9001: 2015 and ISO 45001: 2018 Certified Company

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ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/11/2023-24/308

Client Details Name & Address:

M/s. Privi Speciality
Chemicals Ltd., (Unit-I)
Plot No.A-07, MIDC Mahad
Dist-Raigad-402309
Maharashtra, India

Sample Code	AB/PSC/11/2023-24/308
Sample Name /Location	S-2 DG Set 380 KVA -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	09/11/2023
Sample Received on Date	11/11/2023
Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
Analysis Date	11/11/2023 to 18/11/2023
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 12:40 p.m.

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	--
2	Stack Height	4.0	mtr.
3	Type of Stack	Round	--
4	Fuel Type	HSD	--
5	Flue Gas Temperature	402	°K
6	Differential Pressure	6.8	mmWG
7	Velocity	10.95	m/s
8	Diameter of Stack	0.4	mtr.
9	Stack Area	0.0176	m ²
10	Gas Volume	502.58	Nm ³ /Hr

TEST PARAMETERS

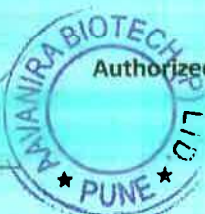
Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	52.75	mg/Nm ³	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO ₂)	58.26	mg/Nm ³	--	IS 11255 Part 2:1985(R.A.:2019)
			Kg/day	N.S.	
3	Oxides of Nitrogen(NO _x)	2.52	ppm	--	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	N.D.	mg/Nm ³	<35	US EPA Method 8 A
5	Acid Mist	N.D.	ppm	<35	US EPA Method 8 A

N.D.: Not Detected

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

Verified By – Quality Manager

Govt. Analyst
End of Report



Authorized By – Technical Manager/
Dy. Technical Manager

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

ENalyze*

ULR No.: Not Applicable

Source Emission Monitoring Report

Report No. AB/PSC/08/2023-24/309

Client Details Name & Address:

M/s. Privi Speciality
Chemicals Ltd., (Unit-I)
Plot No.A-07, MIDC Mahad
Dist-Raigad-402309
Maharashtra, India

Sample Code	AB/PSC/08/2023-24/309
Sample Name /Location	S-3 DG Set 380 KVA -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	09/11/2023
Sample Received on Date	11/11/2023
Sample Condition / Description	Liquids of 30 ml in Sealed & intact plastic containers, Thimble Paper in sealed case.
Analysis Date	11/11/2023 to 18/11/2023
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

01:20 p.m.

Stack Details

Sr. No.	Particulars	Details	Unit
1	Material of Stack	MS	---
2	Stack Height	4.0	mtr.
3	Type of Stack	Round	---
4	Fuel Type	HSD	---
5	Flue Gas Temperature	420	°K
6	Differential Pressure	5.8	mmWG
7	Velocity	10.09	m/s
8	Diameter of Stack	0.4	mtr.
9	Stack Area	0.0176	m ²
10	Gas Volume	453.58	Nm ³ /Hr

TEST PARAMETERS

Sr. No.	Parameter	Results	Units	Limits as per MPCB Consent	Standard Method
1	Particulate Matter (TPM)	48.92	mg/Nm ³	≤ 150	IS 11255 Part 1:1985(R.A.:2019)
2	Sulphur Dioxide(SO ₂)	50.35	mg/Nm ³	---	IS 11255 Part 2:1985(R.A.:2019)
		0.55	Kg/day	N.S.	
3	Oxides of Nitrogen(NO _x)	1.42	ppm	--	IS 11255 Part 7:2005(R.A.:2017)
4	HCL	N.D.	mg/Nm ³	<35	US EPA Method 8 A
5	Acid Mist	N.D.	ppm	<35	US EPA Method 8 A

N.D.: Not Detected

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

Verified By - Quality Manager

Govt. Analyst

—End of Report—

Authorized By - Technical Manager/

Dy. Technical Manager

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

ENalyze*

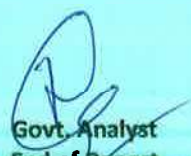
		Ambient Noise Monitoring Report				Report No. AB/PSC/11/2023-24/310
Client Details Name & Address: M/s. Privi Speciality Chemicals Ltd (Unit-I) Plot No.A-07, MIDC Mahad Dist-Raigad-402309 Maharashtra, India		Sample Code		AB/PSC/11/2023-24/310		
		Sample Type		Ambient Noise		
		Method of Sampling		IS:9876 (RA:2001)		
		Sample Collected By		Aavanira Biotech Pvt. Ltd.		
		Sample Collected On		09/11/2023		
		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.	BSR Area	13:20	70.5	22:20	58.9	dB(A)
2.	Main Plant	13:22	66.9	22:22	62.6	dB(A)
3.	Utility Area	13:25	71.9	22:25	62.8	dB(A)
4.	ISC	13:28	64.3	22:28	62.2	dB(A)
5.	DG Set	13:30	72.5	22:32	62.8	dB(A)
6.	AF Plant Area	13:35	70.6	22:35	65.5	dB(A)
7.	Garbage Area	13:38	69.8	22:40	64.9	dB(A)
8.	Near Main Gate	13:40	69.7	22:45	62.7	dB(A)
9.	Near N2 Plant North Side	13:45	69.9	22:48	63.5	dB(A)
10.	Solvent Tank Farm	13:48	66.5	22:50	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-----

