


Annexure-A

Compliance Report		
SEAC-2013/CR-242/TC-2 dated 08.10.2015		Reporting Date:01.06.2019
<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 Organics India 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.	During construction phase water sprinklers used to control dust emissions. 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 no 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 Quarterly <ol style="list-style-type: none"> 1. East side of Plot, Near Main Gate 2. Center of Plot near N₂ Plant East side 3. Near UG Solvent Storage area Avg. Concentration- PM _{2.5} - 25.93 µg/m ³ Consent Limit 80 µg/m ³ PM ₁₀ - 49.68 µg/m ³ Consent Limit 100 µg/m ³ SO ₂ - 12.91 µg/m ³ Consent Limit 80 µg/m ³ Work Zone monitoring done at 2 locations i.e. at 1) Amber Fluer plant 2) Main Plant area 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 programmers shall be implemented.	Housekeeping maintaining at shop floor and daily checklist is maintained and implemented, attached daily check list. Annexure II
VI.	In event of the failure of any pollution control system adopted by the unit, the unit shall be immediately put out of operation	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.

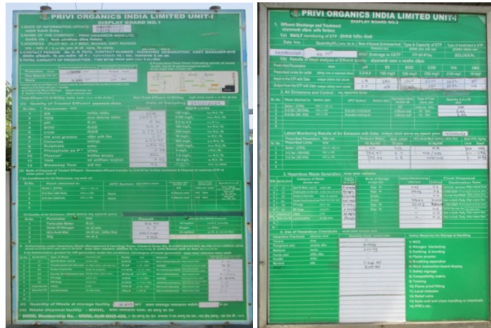
	and shall be restart the until desired efficacy has been achieve.	Power Back provision made for PCS by DG power. Daily monitoring efficiency of PCS. Preventive schedule attached as Annexure.-I
VII.	A stack of adequate height is based on DG set capacity shall be provided for control and dispersion of 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 on quarterly. Consent Copy attached as Annexure. Average Concentration- PM- 59.5 mg/nm ³ , Consent Limit 150 mg/nm ³
VIII.	A detailed scheme of rain water harvesting shall be prepared and implemented to recharge ground water.	Dec-18 to May-19 No rain water harvesting.
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 abstracted.
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 equipments, displayed signage, ear muff and plug provided & made mandatory to employees working in high noise area. Monitoring done on quarterly and observed average value 65.53 dB(A)day time and 62.7 dB(A) night time (Monitoring done in month May-2019).
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 62.6 dBA at night time, 68.74 dBA at day time, which conform standards prescribed under Environment (Protection) Act , 1986 Rules, 1989. (Monitoring done in month May-2019).

		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	66.7	62.1	dB(A)
		02	Main Plant	65.1	56.7	dB(A)
		03	UTILITY AREA	72.2	64.4	dB(A)
		04	Tower & ISC plant	67.7	62.3	dB(A)
		05	DG Area	72.5	68.9	dB(A)
		06	AF plant area	68.2	63.8	dB(A)
		07	Garbage area	63.2	60.2	dB(A)
		08	Near Main gate	64.8	60.8	dB(A)
		09	Near N2 Plant north	67.5	65.3	dB(A)
		10	Solvent Tank farm	64.3	62.1	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.	<p>Green belt developed in and around plot premises and plant species selected in consultation with Agriculture Dept.</p> <ul style="list-style-type: none"> Green Belt developed Within Premises- 149 sq. mtr. % of green belt- 2.3 % Green Belt developed outside plot within MIDC-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 C Operations are controlled through DCS- with inbuilt safety interlocks. Safety Relive valve, Rupture Disk, Breather Valve provided at respective tanks and reactors. Pressure Reducing stations – with periodical checks Manual Call Point provided at respective points. Smoke and heat detectors provided at MCC, PCC and chemical storage area for early detections and warning. <p>List attached as below;</p>				

		<table><tr><th>MCP</th><th>Location</th></tr><tr><td>1</td><td>RM store</td></tr><tr><td>2</td><td>BSR</td></tr><tr><td>3</td><td>Tank farm</td></tr><tr><td>4</td><td>Main pl.first.floor</td></tr><tr><td>5</td><td>Tower pl.forth floor</td></tr><tr><td>6</td><td>AF pl first floor</td></tr><tr><td>7</td><td>AF pl 23 mtr</td></tr><tr><td>8</td><td>Myrcene tank farm</td></tr><tr><td>9</td><td>Spare</td></tr><tr><td>10</td><td>RM store</td></tr><tr><th>SD /HD</th><th>Location</th></tr><tr><td>1</td><td>RM stores</td></tr><tr><td>2</td><td>Engg stores</td></tr><tr><td>3</td><td>QC lab</td></tr><tr><td>4</td><td>ACB room</td></tr><tr><td>5</td><td>PCC</td></tr><tr><td>6</td><td>DG</td></tr><tr><td>7</td><td>Main pl MCC</td></tr><tr><td>8</td><td>Main pl MCC</td></tr><tr><td>9</td><td>Tower MCC</td></tr><tr><td>10</td><td>AF pl MCC</td></tr><tr><td>11</td><td>Ionone pl MCC</td></tr><tr><td>12</td><td>Ionone pl MCC</td></tr><tr><td>13</td><td>AF control room</td></tr><tr><td>14</td><td>Office-1</td></tr><tr><td>15</td><td>Office-2</td></tr><tr><td>16</td><td>Excise Office</td></tr></table>	MCP	Location	1	RM store	2	BSR	3	Tank farm	4	Main pl.first.floor	5	Tower pl.forth floor	6	AF pl first floor	7	AF pl 23 mtr	8	Myrcene tank farm	9	Spare	10	RM store	SD /HD	Location	1	RM stores	2	Engg stores	3	QC lab	4	ACB room	5	PCC	6	DG	7	Main pl MCC	8	Main pl MCC	9	Tower MCC	10	AF pl MCC	11	Ionone pl MCC	12	Ionone pl MCC	13	AF control room	14	Office-1	15	Office-2	16	Excise Office
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XV.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per Factories Act.	Annual health checkup of employee conducted in the month of Feb-2019 and employee working in hazardous chemical area, there health checks up conducting on six monthly. Records maintained in Form No. 7.																																																								
XVI.	The company shall make arrangement 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 employee.• Adequate vent, flame arrester provided to solvent storage tanks.• Earthling 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	Obtained authorization from MPCB for Air, water & hazardous waste generation & disposal. MPCB Consent No. BO/MPCB/AST/EIC.No-RD-3113-15/R/CC-2638 dated 23.02.2016 valid up to 31.08.2020. Complied consent conditions in accordance hazardous waste handling and disposal. Annual Return																																																								

	MPCB shall be obtain for collection/treatment/storage/disposal of hazardous wastes.	(Hazardous Waste) Form 4 submitted on 11.06.2018. Hazardous waste Disposal Membership (No. MWML-HzW-MHD-409- Validity up to 31.03.2020). HW Disposed during period Dec-18. to May. 2019 is as below; <table><tr><th>HW Cat.</th><th>Deposed Qty. MT</th><th>Consent Limit, MT/A</th><th>Disposal</th></tr><tr><td>34.3</td><td>59.485</td><td>120</td><td rowspan="3">CHWTSDf-MWML</td></tr><tr><td>36.1</td><td>0</td><td>10.8</td></tr><tr><td>5.2</td><td>0.400</td><td>0.6</td></tr><tr><td>5.1</td><td>0</td><td>7.2</td><td rowspan="2">Sold to MPCB authorized</td></tr><tr><td>33.3</td><td>400</td><td>3120 Nos.</td></tr></table>	HW Cat.	Deposed Qty. MT	Consent Limit, MT/A	Disposal	34.3	59.485	120	CHWTSDf-MWML	36.1	0	10.8	5.2	0.400	0.6	5.1	0	7.2	Sold to MPCB authorized	33.3	400	3120 Nos.
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XVIII.	The company shall under take 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 in order to control material leakage/spillage. Early detection system provided.• By products are sold to MPCB Authorized agency in order to convert it into product form.																					
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 Dec- 18 to May -19: 2 Nos. of mock drill conducted and compliance report submitted to DISH. Mock drill conducted on dated 06.01.2019 and 18.05.2019.																					
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 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	Sr. GM EHS.	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 Ensure environmental monitoring as per SOP Ensure record of generation, handling, storage, transportation and disposal of Solid HW Ensuring legal compliance by properly under taking activities as laid down by various regulatory agencies from time to time and arranging awareness program among the worker
XXI.	Transportation of ash will be through closed container and all measure should be taken to prevent spillage of the ash.	No ash generated from this unit.		
XXII.	N 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 breaks 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. 46.5 Lacks are Earmarked for the EMP. Refer Annexure: III.		
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	EC obtained advertisement published in Local Marathi news paper Dainik Sagar on 24.10.2015 and in national English news paper Indian Express on 24.10.2015.		

	Maharashtra Pollution Control Board and may also be seen at Website http://ec.maharashtra.gov.in	
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 01.12.2019 for period Jun - 2018 to Dec-2018.
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 Grampanchayat. The clearance letter has been up loaded 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 report 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	Environmental Statement (Form V) for year 2017-18 submitted online on MPCB web portal on 28.09.2018.

	<p>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 also be send to the respective Regional Offices of MoEF by e-mail.</p>	
XXX.	<p>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.</p>	Not Applicable.