



परिवेश  
PARIVESH  
(CPC GREEN)

पर्यावरण, वन और जलवायु परिवर्तन मंत्रालय

Ministry of Environment, Forest and Climate Change



75  
आज़ादी का  
अमृत महोत्सव



Back

## View Compliance Report at Project Proponent

### Proposal Details

**Proposal No**

SEAC -2013/CR-550/ TC-2

**Category**

Industrial Projects - 3

**Proposal Name**

Synthetic Organic Chemicals Manufacturing Unit at Plot No. K-3/1, K-3/2, K-3/3, Mahad MIDC, Taluka- Mahad, District ? Raigad, Maharashtra by M/s. Aquapharm Chemicals Pvt. Ltd.

**Plot / Survey/ Khasra No.**

**Village(s)**

**Sub-District(s)**

**State**

MAHARASHTRA

**District**

RAIGAD

**MoEF File No**

SEAC -2013/CR-550/ TC-2

**Name of the Entity/  
Corporate Office**

Mr. Avinash Dattaram Khaire

**Entity's PAN**

AAECA7014R

**Entity Name as per PAN**

AQUAPHARM CHEMICALS PRIVATE LIMITED

**Entity details mentioned above is correct ?**

### Covering Letter

Covering Letter

NA

## Compliance Reporting Details

**Reporting Year**

0

**Reporting Period**

0

**Remark(if any)**

## Details of Production and Project Area

**Date of Commencement of Project/Activity**

	Project Area as per EC Granted(ha.)	Actual Project Area in Possession(ha.)
Private	0	0
Revenue Land	0	0
Forest	0	0
Others	0	0
Total	0	0

### PRODUCTION CAPACITY

Sr.No.	Name of the Product	Units	As per EC Granted	As per CTO Granted	CTO ID	Valid Up To	Production during last financial year
1	Salts of Amine Phosphonates	Others:MT/Day	110				110
2	Polymers	Others:MT/Day	28				28
3	Halogen Derivates	Others:MT/Day	68				68
4	Alkyl Phosphonates	Others:MT/Day	64.30				64.30
5	Amine Phosphonates	Others:MT/Day	24.1				24.1
6	Salt of Phosphonates	Others:MT/Day	62				62
7	Amino Acid Salts	Others:MT/Day	42.5				42.5

## Conditions

### Specific Conditions

Sr.No.	Condition Type	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents
No Record Found			

### General Conditions

Sr.No.	Condition Heading	Condition Details	Status of Compliance,Remarks/Reason and Supporting Documents	
1	Risk Mitigation and Disaster Management	This environment clearance is issued subject to increase height of hazardous storage tank up to 1.2 feet.	PPs Submission	The industry has secured approval for the Detailed Industrial Safety and Health (DISH) plan and the approval from the Petroleum and Explosives Safety Organization (PESO), meeting all necessary requirements Complied Attachment: NA
2	Risk Mitigation and Disaster Management	Project Proponent shall be responsible for end disposal of hazardous waste to authorized dealer.	PPs Submission	Hazardous waste is sent to CHWTSDF and it is sold to authorized dealer. Annexure 5 - Membership of MWML Complied Attachment: <a href="#">Click to View</a>
3	MISCELLANEOUS	This environment clearance is issued subject to BOD Level to be improved and	PPs Submission	Industry has maintaining

		shall be maintained within the limits prescribed by LPRB / MPCB.		BOD <30 mg/lit as per Consent prescribed standards. Annexure 8 ? Monitoring Reports Complied Attachment: NA
4	Statutory compliance	MPCB shall conduct regulate/ surprise checks to ensure maintenance of emission standards as per laid down norms.	PPs Submission	Noted. MPCB is doing regular site visit as per their scheduled. Complied Attachment: NA
5	WATER QUALITY MONITORING AND PRESERVATION	PP to install RO plant.	PPs Submission	RO plant has installed after ETP. Complied Attachment: NA
6	Statutory compliance	No additional land shall be used /acquired for any activity of the project without obtaining proper permission.	PPs Submission	Noted for compliance. The Maharashtra Industrial Development Corporation (MIDC) has allocated a fully developed land parcel measuring 73,547.00 square meters for industrial Complied Attachment: NA
7	Human Health Environment	For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured	PPs Submission	Compliance with dust control measures has been consistently ensured during both the construction

				<p>and operation phases of the industry. The plant premises are equipped with cement roads, significantly minimizing the possibility of fugitive dust. Nonetheless, as a proactive measure, the industry conducts water sprinkling within the plant area on windy days or during the summer season to further mitigate any potential dust-related concerns. Complied Attachment: NA</p>
8	AIR QUALITY MONITORING AND PRESERVATION	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.	PPs Submission	Regular monitoring of air quality is being carried out in Ambient air & work zone area. Record is maintained by EHS team. The monitoring reports are attached as Annexure 8. Annexure 8 ? Monitoring Reports Complied Attachment: NA
9	Human Health Environment	Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area	PPs Submission	Noted and compiled. Complied Attachment: NA

10	Human Health Environment	Proper housekeeping programmers shall be implemented.	PPs Submission	<p>Effective housekeeping practices are consistently implemented within the plant premises. Furthermore, specific Standard Operating Procedures (SOPs) have been established for the ground force operating on the shop floor. These SOPs are designed to ensure proper collection and disposal of both solid waste and hazardous waste, directing them to designated areas and facilitating their safe disposal through authorized vendors or recyclers. Complied Attachment: NA</p>
11	AIR QUALITY MONITORING AND PRESERVATION	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.	PPs Submission	<p>Noted. Clear directives have been issued to the plant manager to halt production in the event of any failure in the pollution control systems, with operations resuming only after the system is</p>

				restored or maintained. To ensure uninterrupted functionality, all pollution control systems are equipped with backup mechanisms. In line with this, the industry has installed two sets of 1500 kVA DG sets, considering the backup load requirements. Complied Attachment: NA
12	MISCELLANEOUS	A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).	PPs Submission	D.G Sets are of 2 Nos. having capacity of 1500 KVA with stack height of 30 meter above the roof as per CPCB guidelines. Annexure 8 ? Monitoring Reports Complied Attachment: NA
13	WATER QUALITY MONITORING AND PRESERVATION	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.	PPs Submission	Rainwater harvesting infrastructure has been integrated into the plant premises, featuring the construction of six recharge pits Complied Attachment: NA

14	WATER QUALITY MONITORING AND PRESERVATION	Arrangement shall be made that effluent and storm water does not get mixed.	PPs Submission	Separate network is designed for effluent & storm water. Complied Attachment: NA
15	Statutory compliance	Periodic monitoring of ground water shall be undertaken and result analyzed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.	PPs Submission	Groundwater abstraction or utilization is nonexistent. The treated effluent, amounting to 31 CMD, is directed to the Mahad Common Effluent Treatment Plant (CETP) for its final disposal. Complied Attachment: NA
16	Noise Monitoring & Prevention	Noise level shall be maintained as per standards. For the people working in the high noise area, requisite personal protective equipment like earplugs etc. shall be provided.	PPs Submission	In adherence to the Environment, Health, and Safety (EHS) policy, employees operating in noise-prone areas are provided with Personal Protective Equipment (PPE) such as ear muffs and earplugs. Significant noise levels have been identified primarily at the cooling tower, attributed to factors such as water pressure and the release



				valve on the reactor. Annexure 8 - Monitoring Reports. (Noise) Complied Attachment: NA
17	Noise Monitoring & Prevention	The overall noise levels in and around the plant are shall be kept well within the standards by providing the noise control measures including acoustic hoods, silencers, enclosures, etc. on all sources of noise generation. The ambient noise level shall confirm to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.	PPs Submission	The ambient noise levels within the plant premises and in the vicinity of the industry have been assessed and are confirmed to be within the permissible limits, with the ambient noise level recorded at 70.8 dB (A). Annexure 8 - Monitoring Reports. (Noise) Complied Attachment: NA
18	GREENBELT	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 Department.	PPs Submission	The industry has successfully established a green belt area covering 18,700.30 square meters. The development of the green belt involved the careful selection of local plant species. Annexure 3 - List of Plant Species Complied Attachment: <a href="#">Click to View</a>
			PPs Submission	The industry has successfully established a green belt area covering

				18,700.30 square meters. The development of the green belt involved the careful selection of local plant species. Annexure 3 - List of Plant Species Complied Attachment: NA
19	Human Health Environment	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.	PPs Submission	Assembly points are defined and marked within plant premises in case of accident. In addition to that alarm system and sensors are placed at working area to avoid catastrophic accident. Following listed alarm are installed within plant ? Smoke alarm. ? Smoke + heat alarm. ? Heat alarm. ? Beam type alarm. Complied Attachment: NA
20	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.	PPs Submission	Regular health checkups for all workers are conducted in accordance with the company's health policy schedule and in compliance with the Factory

				Act. Complied Attachment: NA
21	Human Health Environment	The company shall make arrangement for protection of possible fire hazards during manufacturing process in the material handling.	PPs Submission	The industry has embraced atomization within the plant area, automating material handling processes. A Quantitative Risk Assessment (QRA) has been conducted for the plant, and comprehensive precautionary measures have been implemented to address potential fire hazards. Additionally, the industry has obtained a No Objection Certificate (NoC) from the Maharashtra Fire Department, affirming its compliance with fire safety regulations. Complied Attachment: NA
22	Statutory compliance	The project authorities must strictly comply with the rules and regulation with regard to handling and disposal of hazardous wastes in accordance with the Hazardous Wastes (Management and Handling) Rules, 2003 (amended). Authorization from the MPCB shall be obtained for collection	PPs Submission	The industry is in strict compliance with the Hazardous Wastes (Management and Handling) Rules, 2016, and any subsequent

		/treatment/storages/disposal of hazardous wastes.		amendments. The generated hazardous waste is responsibly disposed of through either a Common Hazardous Waste Treatment, Storage, and Disposal Facility (CHWTSDF) or an authorized vendor. Complied Attachment: NA
23	WASTE MANAGEMENT	The company shall undertake following Waste Minimization Measures: ? Meeting of the quantities of active ingredients to minimize the waste. ? Reuse of by-products from the process as raw materials or as raw material substitutes in the other process. ? Maximizing Recoveries. ? Use of automated material transfer system to minimize spillage.	PPs Submission	The industry is in strict compliance with the Hazardous Wastes (Management and Handling) Rules, 2016, and any subsequent amendments. The generated hazardous waste is responsibly disposed of through either a Common Hazardous Waste Treatment, Storage, and Disposal Facility (CHWTSDF) or an authorized vendor. Complied Attachment: NA
24	Risk Mitigation and Disaster Management	Regular mock drills for the on-site emergency management plan shall be carried out. Implementation of changes/improvements required. If any, in the on-	PPs Submission	Noted and complying. Regular mock drills for on-site emergency

		site management plan shall be ensured.		preparedness are being carried out. Annexure 7 - Onsite Emergency Preparedness & Response Plan. Complied Attachment: <a href="#">Click to View</a>
25	MISCELLANEOUS	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.	PPs Submission	Aquapharm maintains its own Environment Management Cell, comprising qualified staff dedicated to the effective implementation of stipulated environmental safeguards and ensuring statutory compliance. Annexure 11 - Environmental Management Cell Complied Attachment: <a href="#">Click to View</a>
26	Human Health Environment	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of ash.	PPs Submission	Noted. Annexure 14 ? Photograph of Transportation of Ash through close container Complied Attachment: <a href="#">Click to View</a>

27	WASTE MANAGEMENT	Separate silos will be provided for collecting and storing bottom ash and fly ash.	PPs Submission	Noted. Annexure 13 ? Photograph of Storage & Collection of Bottom Ash & Fly Ash Complied Attachment: <a href="#">Click to View</a>
28	MISCELLANEOUS	Separate fund shall be allocated for implementation of environmental protection measures / EMP along with item-wise breaks-up. This cost shall be included as part of the project cost. The funds earmarked for the environment for the environment protection measures shall not be diverted for the other purposes and year wise expenditure should reported to the MPCB & this department.	PPs Submission	Dedicated funds have been allocated specifically for the implementation of Environmental Protection Measures (EMP). Annexure 12- EMP Budget is attached for the reference. Complied Attachment: <a href="#">Click to View</a>
29	Statutory compliance	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 <a href="http://ec.maharashtra.gov">http://ec.maharashtra.gov</a>	PPs Submission	Complied. Complied Attachment: NA
30	Statutory compliance	Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and condition in hard & soft copies to the MPCB & this department, on 1st June	PPs Submission	Noted and complied. Complied Attachment: NA

		& 1st December of each calendar year.		
31	Statutory compliance	A copy of the clearance letter shall be sent by proponent to the concerned Municipal Corporation and the local NGO, if any, from whom suggestion/representation, if any were received processing the proposal. The clearance letter shall be also be put on the website of the company by the proponent.	PPs Submission	Noted and complied. Complied Attachment: NA
32	Statutory compliance	The proponent shall upload the status of compliance of the stipulated EC condition, 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 level namely; SPM, RSPM, SO <sub>2</sub> , NO <sub>x</sub> (ambient level as well as stack emission) or critical sector 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.	PPs Submission	Noted and complied. Annexure 8 - Monitoring Reports Complied Attachment: NA
33	Statutory compliance	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC condition 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	PPs Submission	Noted and complied. Complied Attachment: NA
34	Statutory compliance	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	PPs Submission	Noted & agreed. The project proponent submits the Environmental Statement on

		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 the compliance of EC condition and shall also be sent to the respective Regional Offices of MoEF by e-mail.		March 31st for each financial year. Annexure 10- Environmental Statement for the FY 2022-23. Complied Attachment: <a href="#">Click to View</a>
35	Statutory compliance	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.	PPs Submission	Noted & agreed. Complied Attachment: NA
36	Statutory compliance	The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.	PPs Submission	Noted & agreed. Complied Attachment: NA
37	Statutory compliance	Validity of Environmental 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.	PPs Submission	Noted & agreed. Complied Attachment: NA



38	MISCELLANEOUS	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.	PPs Submission	Noted & agreed. Complied Attachment: NA
39	Statutory compliance	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, 1986 and its amendments, the public liability insurance act, 1991 and its amendments.	PPs Submission	Noted & agreed. Complied Attachment: NA
40	Statutory compliance	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.	PPs Submission	Noted & agreed. Complied Attachment: NA

### Document Upload

**Last Site Visit Report (if available)**

NA

**Last Site Visit Report Date (if available)**

**Additional Attachment (if any)**

NA

**Additional Remarks (if any)**

- I 'Mr. Avinash Dattaram Khaire' hereby give undertaking that the data and information given in the filed compliance and enclosures are true to be best of my knowledge and belief and I am aware that if any part of the data and information found to be false or misleading at any stage, the clearance given to the project will be revoked at our risk and cost. In addition to above, I hereby give undertaking that no activity such as change in project layout, construction, expansion, etc. has been taken up without due approval.

### Cover Letter From IRO

#### Cover Letter From IRO

NA

Back