

**Half Yearly Compliance Report****2024****01 Jun(01 Oct - 31 Mar)****Acknowledgment**

<b>Proposal Name</b>	Proposed project for manufacturing of Speciality Polymer lab with pilot plant facility at plot no 15,16, 21 by 4 at MIDC Morivali Ambernath Dist.Thane		
<b>Name of Entity / Corporate Office</b>	Vishwanath Pai		
<b>Village(s)</b>	Morivali		
<b>District</b>	THANE		
<b>Proposal No.</b>	SEAC 2014 CR 80 TC2	<b>Category</b>	Industrial Projects - 3
<b>Plot / Survey / Khasra No.</b>		<b>Sub-District</b>	Ulhasnagar
<b>State</b>	MAHARASHTRA	<b>Entity's PAN</b>	NA
<b>MoEF File No.</b>	SEAC 2014 CR 80 TC2	<b>Entity name as per PAN</b>	NA

**Compliance Reporting Details**

<b>Reporting Year</b>	2024
<b>Remarks (if any)</b>	Submitting six monthly post EC Compliance for the period October 2023 to March 2024.
<b>Reporting Period</b>	01 Jun(01 Oct - 31 Mar)

**Details of Production and Project Area**

**Name of Entity / Corporate Office** Vishwanath Pai

	<b>Project Area as per EC Granted</b>	<b>Annual Project Area in Possession</b>
Private	0.7435	0.7435
Revenue Land	0	0
Forest	0	0
Others	0	0
<b>Total</b>	<b>0.7435</b>	<b>0.7435</b>

**Production Capacity**

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Polyester Polymers	Others:	30/04/2025	1353 MT per month	11100 TPA	1353 MT per month
2	Polyurethane Polymers	Others:	30/04/2025	1665 MT per month	19176 TPA	1665 MT per month
3	Poly isocyanates	Others:	30/04/2025	303 MT per month	1284 TPA	303 MT per month
4	Specialty Polymers	Others:	30/04/2025	479 MT per month	4404 TPA	479 MT per month

## Conditions

### General Conditions

Sr.No.	Condition Type	Condition Details
1	AIR QUALITY MONITORING AND PRESERVATION	Regular monitoring of the air quality, including SPM and SO <sub>2</sub> 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) and submit report accordingly to MPCB.

#### PPs Submission: Being Complied

Ambient Air monitoring and Work place monitoring is being done regularly at our manufacturing unit. The reports of ambient air monitoring are enclosed as an Annexure I. The ambient air quality monitoring is being carried out at the 1 location every month. The range of ambient air quality results are as under PM 10 61.61-81.43 Micro gram per cubic meter PM 2.5 32.85-40.33 Micro gram per cubic meter SO<sub>2</sub> conc. 23.45-61.67 Micro gram per cubic meter NO<sub>x</sub> Conc. 25.24-52.09 Micro gram per cubic meter The ambient air quality results were found to be within the respective stipulated limits of NAAQS 2009.

Date:  
21/06/2024

2 Risk Mitigation and Disaster Management

Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.

#### PPs Submission: Complied

All required and necessary safety arrangements in place and strategically located throughout the project site, we are taking proactive steps to safeguard the well-being of everyone involved and minimize the potential impact of fire incidents. All required and necessary arrangement is available for safety and ventilation in furnace area. Fire Hydrant, Hose reel are available at project site. Fire siren, Smoke detectors, etc. are installed at strategic places. Regular maintenance and testing of these safety systems are also essential to ensure their reliability and effectiveness in emergency situations. Photographs of safety measures installed have been already submitted in previous compliance report i.e. for the period October 2022 to March 2023 which was submitted in June 2023.

Date:  
21/06/2024

3 Risk Mitigation and Disaster Management

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 achieved.

#### PPs Submission: Being Complied

All the Pollution Control System are operated and maintained well but in case of any emergencies, Industry will put off the unit and will not restart the unit until the desired efficiency has been achieved.

Date:  
21/06/2024

4 AIR QUALITY MONITORING AND

A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set.(If

	PRESERVATION	applicable)
<p><b>PPs Submission:</b> Complied DG set of 900 KVA is already provided with stack of adequate height. Monitoring report of DG set are attached as Annexure I.</p>		<p>Date: 21/06/2024</p>
5	WATER QUALITY MONITORING AND PRESERVATION	A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.
<p><b>PPs Submission:</b> Complied We have constructed two tanks, each with a capacity of 12.5m<sup>3</sup>, resulting in a total capacity of 25m<sup>3</sup> for collecting rainwater. Excess harvested water will be run off to storm water drainage which are natural slopes. Harvested rain water will be used for recharge of ground water. The photographs of same is enclosed as an Annexure III.</p>		<p>Date: 21/06/2024</p>
6	WATER QUALITY MONITORING AND PRESERVATION	Arrangement shall be made that effluent and storm water does not get mixed.
<p><b>PPs Submission:</b> Complied Separate Storm water drains are provided as per natural slope. Effluent and storm water does not get mixed. Photographs of separate Storm Water drains have been submitted in previous compliance report i.e. for the period October 2022 to March 2023 which was submitted in June 2023.</p>		<p>Date: 21/06/2024</p>
7	WATER QUALITY MONITORING AND PRESERVATION	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.
<p><b>PPs Submission:</b> Complied There is no permission to Bore wells as project is in notified MIDC Area.</p>		<p>Date: 21/06/2024</p>
8	Human Health Environment	Leq of 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.
<p><b>PPs Submission:</b> Being Complied Noise monitoring has been regularly done and reports area attached as an Annexure- I. For Employees, workers who are engaged in the high noise area, requisite personal protective equipment like earplugs , earmuffs etc. are provided. The noise monitoring as carried out at the main gate. The Leq daytime was found to ranging from 61.6-63.3 dB(A) The Leq nighttime was found to range from 50.9-59.9 dB(A) The results reflect that the Leq daytime and the night time was found to be within the CPCB standards stipulated for the industrial area</p>		<p>Date: 21/06/2024</p>
9	Human Health Environment	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.
<p><b>PPs Submission:</b> Being Complied The overall noise levels in and around the plant are well within the standards. Reports for the same are attached as Annexure I Location Day dB Leq Night dB Leq Near Main Gate 61.6-63.3 50.9-59.9 M.P.C.B. Limit 75.0 70.0</p>		<p>Date: 21/06/2024</p>
10	Risk Mitigation and Disaster Management	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.
	<p><b>PPs Submission:</b> Complied</p> <p>Risk Analysis, On Site Emergency plan is prepared and regularly updated. Smoke detectors, fire extinguishers, fire sirens have been already installed at strategic places. Hydrant box are available at project site. Photographs of safety measures installed have been already submitted in previous compliance report i.e. for the period October 2022 to March 2023 which was submitted in June 2023. The safety audit and mock drill report are enclosed as an Annexures IV and V.</p>	<p>Date: 21/06/2024</p>
11	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and record maintained as per Factories Act.
	<p><b>PPs Submission:</b> Being Complied</p> <p>For Occupational health surveillance of the workers, medical check-up of Employees and Workers done on regular basis. Frequency of health check-up is every 6 months. Form 7 is maintained and same is enclosed as an Annexure -VI</p>	<p>Date: 21/06/2024</p>
12	Risk Mitigation and Disaster Management	The company shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling.
	<p><b>PPs Submission:</b> Complied</p> <p>All safety measures are installed at strategic places at project site for protection of possible fire hazards during manufacturing process in material handling.</p>	<p>Date: 21/06/2024</p>
13	WASTE MANAGEMENT	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.
	<p><b>PPs Submission:</b> Being Complied</p> <p>Annual returns in Form 4 as required is regularly submitted to MPCB. Consent to Establish obtained which includes HW management conditions. Annual form IV is submitted on 03-06-2023 on ec mpcb web portal and same is enclose as an Annexure VII.</p>	<p>Date: 21/06/2024</p>
14	WASTE MANAGEMENT	The company shall undertake following Waste Minimization Measures: 1. Metering of quantities of active ingredients to minimize waste. 2. Reuse of by- products from the process as raw materials or as raw material substitutes in other process. 3. Maximizing Recoveries. 4. Use of automated material transfer system to minimize spillage. 5. Use of "Closed Feed" system into batch reactors.
	<p><b>PPs Submission:</b> Being Complied</p> <p>Company takes following measures to minimize waste as per the requirement: (a) All raw materials are metered and controlled for its quantities to minimize waste. (b) There is no by product generation we refer to processes where the output is purely the intended product, without any waste or secondary materials (c) Recovered solvents are reutilized in processes. (d) Pumps are used to transfer liquids in closed pipelines.</p>	<p>Date: 21/06/2024</p>
15	Statutory compliance	No additional land shall be used 'or acquired for any activity of the project without obtaining proper permission.
	<p><b>PPs Submission:</b> Complied</p> <p>No additional land is required, Project developed on land in Notified Industrial Area. Industry assures that no additional land is used or shall be used for any activity prior obtaining obligatory permissions.</p>	<p>Date: 21/06/2024</p>
16	AIR QUALITY MONITORING AND	For controlling fugitive natural dust, regular sprinkling of water and wind shields at appropriate distances in vulnerable areas of the plant

	PRESERVATION	shall be ensured.
<p><b>PPs Submission: Complied</b> Dust emission controls measures were followed during construction activity. Water sprinklers are being used to settle dust particles. Same implemented for the operation phase to reduce the natural dust emission.</p>		<p>Date: 21/06/2024</p>
17	Human Health Environment	Proper House-keeping programs shall be implemented.
<p><b>PPs Submission: Being Complied</b> Housekeeping programme is implemented regularly for Clean and safe work place environment. SOP has been prepared for house keeping activity. The record of housekeeping is well maintained. Record of housekeeping for month of March 2024 along with photographs is enclosed as an Annexure No. II</p>		<p>Date: 21/06/2024</p>
18	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-site management plan shall be ensured.
<p><b>PPs Submission: Being Complied</b> The Mock drills are being conducted on various emergency scenario taking in consideration. Mock drills are being conducted on quarterly basis at our unit. The mock drill conducted in March 2024, report is enclosed as an Annexure-V The safety audit carried out by external expert in December 2023 its report is also enclosed as an Annexure -IV.</p>		<p>Date: 21/06/2024</p>
19	Human Health Environment	A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
<p><b>PPs Submission: Complied</b> The organogram of the Environmental Management Cell has been enclosed as Annexure -VIII.</p>		<p>Date: 21/06/2024</p>
20	WASTE MANAGEMENT	Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.
<p><b>PPs Submission: Complied</b> Yes, Complied.</p>		<p>Date: 21/06/2024</p>
21	GREENBELT	Green belt shall be developed and 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.
<p><b>PPs Submission: Complied</b> Green belt is well developed and maintained on 692.4 Sq.m area (43 percent of open area), Survival rate of sapling is 96 percent. We ensure that we will maintain the green belt throughout the life of project. Photograph of Green Belt were submitted in previous EC compliance report for the period October 2022 to March 2023 which was submitted in June 2023.</p>		<p>Date: 21/06/2024</p>
22	Human Health Environment	Separate funds shall be allocated for implementation of environmental protection measures EMP along with item-wise breaks- up. These costs 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 and this department.
<p><b>PPs Submission: Being Complied</b> Total recurring EMP cost- For the period 2023-2024 is Rs. 1588318 ,- Capital cost Rs. 34070750-</p>		<p>Date: 21/06/2024</p>

<p>The item wise allocation for the Environment Management plant is enclosed as an Annexure-IX. We promise that funds earmarked for the environment protection measures shall not be diverted for other purposes.</p>		
23	MISCELLANEOUS	<p>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://cc.maharashtra.gov.in">http: cc.maharashtra.gov.in</a></p>
<p><b>PPs Submission:</b> Complied The advertisement of the obtained Environmental clearance was published in the newspapers, Dated 18th April 2015 in The Free Press Journal and Nava Shakti local newspaper Mumbai.</p>		<p>Date: 21/06/2024</p>
24	Statutory compliance	<p>Project management should submit half yearly compliance reports in respect of the stipulated prior environment clearance terms and conditions in hard and soft copies to the MPCB and this department, on 1st June and 1st December of each calendar year.</p>
<p><b>PPs Submission:</b> Complied This is 15th half yearly report. We regularly submit the EC Compliance Report in respect of the stipulated prior environment clearance terms and conditions soft copies to MoEFCC, Regional Directorate CPCB, RO and SRO MPCB. and in hard copies to RO and SRO MPCB. The acknowledgement of MoEFCC is enclosed as an Annexure-X</p>		<p>Date: 21/06/2024</p>
25	Statutory compliance	<p>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.</p>
<p><b>PPs Submission:</b> Complied The environment clearance letter is already uploaded on company website. Screenshot of the same is enclosed as an Annexure- XI. <a href="https://brilliantpolymers.com">https - brilliantpolymers.com</a> con-quality</p>		<p>Date: 21/06/2024</p>
26	Statutory compliance	<p>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 (-PCB and the SPC'B. The criteria pollutant levels namely; SPM, RSPM. SO2, NOx (ambient levels as well as stack emissions) 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.</p>
<p><b>PPs Submission:</b> Complied EC compliance report along with monitoring reports are already updated on Company website, screenshot of the same are enclosed as an Annexure-XI Sign board showing consent conditions are displayed at company entrance gate. Photograph of the same is attached as Annexure XII. We display the actual monitoring reports on Notice board of the company .</p>		<p>Date: 21/06/2024</p>
27	Statutory compliance	<p>The project proponent shall also submit six monthly reports on the status of compliance of the stipulated A'-2C 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.</p>

<p><b>PPs Submission:</b> Being Complied Being done regularly.</p>		<p>Date: 21/06/2024</p>
28	Statutory compliance	<p>The environmental clearance is being issued without prejudice to the 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 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.</p>
<p><b>PPs Submission:</b> Complied There is no litigation pending against the project.</p>		<p>Date: 21/06/2024</p>
29	Statutory compliance	<p>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 as it should 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.</p>
<p><b>PPs Submission:</b> Being Complied The environmental statement for the financial year ending 31st March in Form-V has been submitted by the us to the Maharashtra State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently. Environment Statement in Form V is submitted on 20-09-2023 on the ec mpcb web portal and attached to EC Compliance report which is displayed on Company website the same is enclosed in the aforesaid Annexure .XIII.</p>		<p>Date: 21/06/2024</p>
30	WASTE MANAGEMENT	<p>Separate silos will be provided for collecting and storing bottom ash and fly ash.</p>
<p><b>PPs Submission:</b> Complied Coal ash is stored in the pits having impervious concrete flooring, photographs have been already submitted in previous compliance report i.e. for the period October 2022 to March 2023 which was submitted in June 2023.</p>		<p>Date: 21/06/2024</p>
31	Statutory compliance	<p>Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D-, Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.</p>
<p><b>PPs Submission:</b> Agreed to Comply Noted and agreed.</p>		<p>Date: 21/06/2024</p>
32	Statutory compliance	<p>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.</p>
<p><b>PPs Submission:</b> Agreed to Comply Noted and agreed.</p>		<p>Date: 21/06/2024</p>
33	Statutory compliance	<p>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,</p>

		for any other administrative reason.
<b>PPs Submission:</b> Agreed to Comply Noted and agreed.		<b>Date:</b> 21/06/2024
34	Statutory compliance	Validity of Environment Clearance: The environmental clearance accorded shall be valid for period of 5 years to start of production operations.
<b>PPs Submission:</b> Agreed to Comply Noted and agreed.		<b>Date:</b> 21/06/2024
35	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, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.
<b>PPs Submission:</b> Agreed to Comply Noted and agreed.		<b>Date:</b> 21/06/2024
<b>Visit Remarks</b>		
<b>Last Site Visit Report Date:</b>		N/A
<b>Additional Remarks:</b>		No Visit from Regional officer MoEF and CC.