

COMPLIANCE STATUS OF ENVIRONMENT CLEARANCE GRANTED BY STATE ENVIRONMENT DEPARTMENT TO M/S SPAK SURFACTANTS PRIVATE LIMITED G-2, MIDC, LOTE PARSHURAM, TAL. KHED, DIST. RATNAGIRI, FOR EXPANSION OF POLYMER PROCESSING CHEMICALS LIKE THPE, DMBPC, ETC.

CONDITIONS	COMPLIANCE STATUS
This environment clearance issued subject to Orders passed by Hon'ble NGT, Hon'ble High Court, if any.	N. A. as no any order is passed by Hon. NGT, Hon. HC
This Environment clearance is issued subject to condition that (a) Adhere to specified outlet details of Effluent characteristics of ETP as per prevailing Rules (b) PP to provide separate electric meter with AMR facility for online monitoring. Photo attached Annexure A	We have provided the ETP with primary treatment and Multiple effective evaporators. A separate energy meter is provided to the ETP. Regular power consumption reading for ETP is taken.
No additional land shall be used / acquired for any activity of the project without obtaining proper permission.	We have not used / acquired any additional land for this project. The project is commissioned on the Plot No. G-2 MIDC area Lote Parshuram.
For controlling fugitive natural dust, regular sprinkling of water & wind shields at appropriate distances in vulnerable areas of the plant shall be ensured.	Manually Water pouring /sprinkling done
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 as applicable.	The SO2 levels are within limits. i.e. 19.2 kg/day whether as limit is 327.2 kg/day
Necessary arrangement shall be made to adequate safety and ventilation arrangement in furnace area.	N.A.
Proper House Keeping programmes shall be implemented.	Proper housekeeping in and around the plant area is maintained.

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<p>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.</p> <p>The preventive and predictive maintenance is scheduled and carried out to prevent break downs</p>	<p>We assure you that in the In the event of the failure of any pollution control system we will immediately stop the production activity. We will not restart the production until the pollution control system will be brought into operation efficiently.</p>
<p>A stack of adequate height based on DG set capacity shall be provided for control and dispersion of pollutant from DG set. (If applicable).</p>	<p>A stack 3.5 meter above the DG canopy is installed.</p>
<p>A detailed scheme for rainwater harvesting shall be prepared and implemented to recharge ground water.</p>	<p>We will prepare the detailed scheme for the rain water harvesting.</p> <p>Step wise plan is under progress</p>
<p>Arrangement shall be made that effluent and storm water does not get mixed. PP pipe line is provided to transfer the effluent to ETP from plant by Gravity</p>	<p>An arrangement is made in such a way that the effluent shall not be mixed with the storm water gutter.</p>
<p>Periodic monitoring of ground water shall be undertaken and results analysed to ascertain any change in the quality of water. Results shall be regularly submitted to the Maharashtra Pollution Control Board.</p>	<p>MIDC supplies water to the company ,no bore well or dig in this premises</p>
<p>Leq of Noise level shall be maintained as per standards. For people working in the high noise area, requisite personal protective equipment like ear plugs etc. shall be provided.</p> <p>Periodic noise level monitoring is carried out by MoEF approved Laboratory . See annexure B</p>	<p>D.G. is provided with acoustics enclosure. In the High Noise area PPE like ear muffs Ear plugs are provided. The noise level monitoring done , found noise level is < 75 dB.</p>
<p>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 conform to the standards prescribed under Environment (Protection) Act, 1986 Rules, 1989.</p>	<p>Over all Noise levels are measured at day & night ,at different locations in the factory. These all readings are well within the limits. These readings are carried out by approved Laboratory.</p>

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<p>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.</p>	<p>The green belt area is developed. The total green belt area is 33%. No. of trees 135</p>
<p>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>	<p>Company has no gas liberation & safety measures are taken to eliminate or reduce the risk level. The Fire Hydrant line is covering entire boundary of the company. The entire line is having adequate water pressure.</p>
<p>Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per Factories Act. Sample Reports attached in Annexure C</p>	<p>Complying as per act. Company is having Health Centre and the Medical Practitioner (doctor) is visiting twice a week for the various checkups. The records are Kept.</p>
<p>The company shall make the arrangement for protection of possible fire hazards during manufacturing process in the material handling.</p>	<p>Adequate safety measures are taken to eliminate or reduce the risk level. Sprinklers and hose stations of fire hydrant in addition to the Fire extinguishers are provided at various places in the plant</p>
<p>The project authorities must strictly comply with the rules and regulations with regard to handling and disposal of hazardous waste in accordance with the Hazardous Waste (Management and Handling) Rule, 2003. Authorization from the MPCB shall be obtained for collections/treatment/disposal of hazardous waste. Consent copy attached in Annexure D</p>	<p>An agreement is made with Mumbai Waste Management regarding the disposal of waste material. We are filing the Hazardous waste return. every year before 30 June. /30 Dec</p>
<p>The company shall undertake following Waste Minimization Measures :</p> <ul style="list-style-type: none"> • 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. 	<p>The company is already in the process of minimization of reduction of waste. Partly Automated process is introduced resulting less wastage .</p>

<ul style="list-style-type: none"> • Maximizing recoveries. • Use of automated material transfer system to minimize spillages. <p>Use of "Closed Feed" system into batch reactors.</p>	<p>N.A.</p> <p>Recovery Done at maximum extent</p> <p>Seal pumps with automation.</p>
<p>Regular mock drills for the on-site emergency management plan be carried out. Implementation of changes / improvements required, if any, in the on-site management plan shall be ensured.</p>	<p>Regular mock drills are carried out and observations are recorded.</p> <p>Completed Fire Mock Drill</p> <p>Photos attached Annexure E</p>
<p>CONDITIONS</p>	<p>COMPLIANCE STATUS</p>
<p>A separate environment management cell with qualified staff shall be set up for implementation of stipulated environmental safeguards.</p>	<p>A dedicated staff is provided to look after the environmental functions.</p> <p>Well-equipped lab is provided for testing</p>
<p>Transportation of ash will be through closed containers and all measures should be taken to prevent spilling of the ash.</p>	<p>The ash is transported through the close truck with utmost care to prevent the spillage of ash. And sent to authorized recycler</p>
<p>Separate silos will be provided for collecting and storing bottom ash and fly ash.</p>	<p>Two silos are provided . Photos Annexure F</p>
<p>Separate funds shall be allocated for the implementation of environmental protection measures/EMP along with item-wise breaks-up. These costs shall be included as a 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 MPCB & this department.</p>	<p>Separate funds are allocated for the EMP. A Full fledged ETP with MEE is installed. The year wise expenditure will be reported to MPCB and state environment department. Modifications made.</p> <p>Year wise expenditure details</p>
<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 Marathi language of 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 MPCB and may also be seen at Website at http://envis.maharashtra.gov.in</p>	<p>Not Applicable</p> <p>Already given on 13 th April</p> <p>Photo copy</p>
<p>Project management should submit half yearly</p>	<p>We are submitting the same.</p>

<p>compliance reports in respect of stipulated prior environment clearance term and conditions in hard & soft copies to the MPCB 7 this department, on 1st June & 1st December of each calendar year.</p>	<p>Each copy attached Annexure F</p>
<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>Copy Sent</p>
<p style="text-align: center;">CONDITIONS</p>	<p style="text-align: center;">COMPLIANCE STATUS</p>
<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 CPCB and the SPCB. The criteria pollutants level namely; SPM, RSPM, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectorial parameters, indicated for the project shall be monitored & displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>The board is displayed at gate regarding the consent condition</p>
<p>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 and displayed at a convenient location near the main gate of the company in the public domain.</p>	<p>We are submitting the report on status of compliance on half yearly basis.</p>
<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 Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also 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>We have submitted the environmental statement Form V in this year 2019 also Annexure G</p>
<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</p>	<p>Noted</p>

<p>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.</p>	
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<p>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.</p>	<p>Noted</p>
<p>Validity of Environment Clearance: The environmental clearance accorded shall be valid for a period of 5 years to start of production operations.</p>	<p>We have started the production activity in the mid of the month November,2016</p>
<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>In case of deviation we will made a fresh application to assess the adequacy.</p>
<p>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.</p>	<p>We are complying .</p>
<p>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.</p>	<p>N.A.</p>