

Compliance Report for**Manufacture of Resins (5,520 TPA) of M/s. Almega Paints Pvt. Ltd. at J.L. No. 01, Village Tulsiberia, R.S. Dag No. 2188 To 2194, 2196, 2297 To 2299, Dist. Howrah, West Bengal**

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COMPLIANCE REPORT(Oct 13 Mar 14) ON ENVIRONMENTAL CLEARANCE FOR MANUFACTURE OF RESINS (5,520 TPA) OF M/S ALMEGA PAINTS PVT LTD AT J.L. NO. 01, VILLAGE TULSIBERIA, R.S. DAG NO. 2188 TO 2194, 2196, 2297 TO 2299, DISTRICT HOWRAH, WEST BENGAL

M/s. Almega Paints Pvt. Ltd. obtained Environmental Clearance (EC granted vide F. No. J-11011/221/2011-IA II(I) dated 22nd March, 2013) for manufacturing of Resin: 5520 TPA on a piece of land, measuring 8.71 acres, located at J.L. No: 01, R.S Dag no: 2188 to 2194, 2196, 2297 to 2299, Village & P.O. Tulsiberia, P.S. Uluberia, district Howrah in West Bengal.

The compliance status of the special conditions and general conditions, as issued by MoEF in the above mentioned Environmental Clearance is discussed below:

A. SPECIFIC CONDITIONS:

Sl. No.	Specific Conditions	Reply
i.	Regular monitoring of Volatile Organic Compounds (VOCs) shall be carried out and data submitted to the Regional Office of MoEF at Bhubaneshwar, CPCB and SPCB.	Volatile Organic Compounds (VOCs) is being monitored on regular basis. Monitored results for the period (October, 2013 to March, 2014) is attached as Annexure-I.
ii.	Stack of adequate height shall be installed to oil fired boiler to disperse waste gases into atmospheres.	Stack of 30 m height has been installed to oil fired boiler in the proposed project.
iii.	Fugitive emissions in the work zone environment product, raw materials, storage area etc. should be regularly Monitored. The emissions should conform to the limits imposed by SPCB.	Fugitive emission is being monitored in the work zone environment on regular basis. Monitored results for the period (October, 2013 to March, 2014) are attached as Annexure-II.
iv.	Wet scrubber should be provided to control process emissions. Methanol should be recovered from the process area.	Wet scrubber and downstream facilities are being installed.
v.	Total fresh water requirement shall not exceed 3.5 m ³ /day and prior permission should be obtained from the Competent Authority.	Total 3.5 m³/day water will be required for the proposed project, which will be sourced from ground water. The necessary permission for sinking of the well has been obtained from Ground Water Resource Department.

Almega Paints Pvt. Ltd.

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vi.	As proposed, Industrial effluent will be treated in ETP, Treated effluent should be reused/recycled within the factory premises. Water quality of treated effluent shall meet the norms prescribed by CPCB/SPCB.	The entire wastewater will undergo necessary treatment in the existing Effluent Treatment Plant. The treated wastewater will be reused for toilet flushing, gardening purpose, dust suppression etc. Monitored results for the treated effluent for the period (October'13 to March'14) are attached in Annexure-III. The Sludge, generated in the ETP will be finally sent to West Bengal Waste Management Ltd., Haldia.
vii.	As proposed Phenol should be extracted/ treated from the effluent before sending to the ETP.	Phenol extractor has been installed.
viii.	The company should obtain Authorization for collection, storage and disposal of hazardous waste under the Hazardous Waste (Management, Handling and Trans-Boundary Movement) Rules, 2008 and amended as on date for management of Hazardous wastes and prior permission from SPCB should be obtained for disposal of solid/ hazardous waste in the TSDF. Measures should be taken for fire fighting facilities in case of emergency.	Shall be complied.
ix.	Solvent Management should be as follows: <ul style="list-style-type: none">• Reactor should be connected to chilled brine condenser system• Reactor and solvent handling pump should have mechanical seals to prevent leakages.• The condensers should be provided with sufficient Heat Transfer Area (HTA) and residence time so as to achieve more than 96% recovery.• Solvents should be stored in a separate space specified with all safety measures.• Proper earthing should be provided in all the electrical equipments wherever solvent handling is done.• Entire plant where solvents are used should be	Complied

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	flame proof. The solvent storage tanks should be provided with breather valve to prevent issues.	
x.	As proposed, green belt should be developed in at least 33% of the project area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.	Greenbelt is being developed as per EC conditions. A local horticulturist has been appointed to develop an appropriate green belt following the CPCB guidelines.
xi.	Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	<ul style="list-style-type: none"> • All the permanent employees under proposed project will be covered under ESI scheme. • The company will take initiation for treatment of its employee with the ESI Hospitals at Uluberia in case of emergency. • Annual medical check up on some medical parameter as per the Factories act will be carried out among the new employees of the company in line with what is being done for the existing employees. • All permanent employees of the company will be covered by medical insurance policy.
xii.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	The company has constructed temporary labour quarters within the proposed project site with arrangements for drinking water, sanitary toilets, proper lighting and ventilation etc. Arrangements have been made for fuel for cooking so as to avoid felling of trees. All the temporary labour quarters will be removed after the completion of the project.

B. GENERAL CONDITIONS:

Sl. No.	General Conditions	Reply
i.	Ambient air quality data should be collected as per NAAQS standards notified by the Ministry on 16 th September, 2009.	Ambient air quality is being monitored by the company. Ambient Air Quality Monitoring results for the period (October, 2013 to March, 2014) are attached as Annexure-I.

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ii.	The project authorities must strictly adhere to the stipulations made by the West Bengal Pollution Control Board and the State Government.	Being complied.
iii.	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forest.	Any further expansion or modification in the plant will only be done after obtaining prior permission from the Ministry of Environment and Forests (MoEF).
iv.	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM ₁₀ , SO ₂ , and NO _x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.	Ambient air quality is being monitored on regular basis. Monitored results for the period (October, 2013 to March, 2014) are attached as Annexure-I.
v.	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19 th May, 1993 and 31 st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose	The entire wastewater will undergo necessary treatment in the existing Effluent Treatment Plant. Monitored results for the treated effluent for the period (October, 2013 to March, 2014) are attached as Annexure-III. The treated wastewater will be reused for toilet flushing, gardening purpose, dust suppression etc.
vi.	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).	Appropriate noise control measures in the form of silencers, soundproof enclosures etc. will be put into place. Noise levels at relevant locations are being monitored on regular basis. Monitored results (October, 2013 to March, 2014) for the overall noise levels in and around the plant area are attached as Annexure-IV.
vii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	<ul style="list-style-type: none">• All the permanent employees under proposed project will be covered under ESI scheme.• The company will take initiation for treatment of its employee with the ESI

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		<p>Hospitals at Uluberia in case of emergency.</p> <ul style="list-style-type: none">• Annual medical check up on some medical parameter as per the Factories act will be carried out among the new employees of the company in line with what is being done for the existing employees.• All permanent employees of the company will be covered by medical insurance policy.
viii.	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	A rain water harvesting pond has been constructed for storage of rainwater and utilise the rain water in the proposed plant to the maximum possible extent.
ix.	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	<p>The recommendations of the Environmental Management Plan (EMP) shall be followed. Management shall jointly coordinate all the environmental management activities as per the EMP and recommendation of the relevant statutory bodies.</p> <p>The company has been undertaking lot of socio-economic development activities in the neighborhood, which shall continue in future also.</p>
x.	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The funds to provided shall not be diverted for any other purpose.	<p>As per the Environmental Clearance of MoEF, Rs. 35 lakhs are to be invested by the company towards capital cost for environment pollution control measures. Such investment is being done for setting up of needed pollution control facilities in phased manner.</p> <p>There will be the recurring cost of Rs 4 lakhs for environmental management & pollution control equipment after the project is implemented.</p> <p>The earmarked funds will not be used for any other purposes other than pollution control</p>

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		efforts as stated above.
xi.	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/ Municipal Corporation, Urban Local Body 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 web site of the company by the proponent.	Have been done.
xii.	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of mentioned data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, PM ₁₀ , SO ₂ , NO _x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Being implemented.
xiii.	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/ CPCB / SPCB shall monitor the stipulated conditions.	Environmental monitoring data are being submitted along with the Compliance Report.
xiv.	The environmental statement for each financial year ending 31 st 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, 1988, as amended subsequently, shall also	To be submitted.

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	be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bhubaneswar by e-mail.	
xv.	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forests at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office at Bhubaneswar.	Advertisement w.r.t. Environmental Clearance had been done in English & Bengali newspapers.
xvi.	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.	The date of financial closure and the final approval of the project by the concerned authorities shall be submitted to the Regional office of the MoEF at Bhubaneswar.