

F. No. J-11011/104/2016-IA.II (I)
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
Aliganj, Jor Bagh Road,
New Delhi - 110 003

Telefax: 011-24695365
E-mail: yogendra78@nic.in

Dated: 12th April, 2017

To,

The Partner
(Shri Nileshkumar Baldevbhai)
M/s Pristine Melamine LLP
1, Shivkunj Society, Old Ahemdabad Road,
Post Bareja, Dist - Ahemdabad,
Gujarat

Sub: Melamine Formaldehyde Moulding Powder Manufacturing Unit (500 MTPM) at Survey No: 183, Navagam, Kathawada Village, Kheda Taluka & District, Gujarat by M/s Pristine Melamine LLP - Environmental Clearance - reg.

Ref: Online Proposal No. IA/GJ/IND2/51581/2016 dated 25th November, 2016.

Sir,

This has reference to your online proposal no. IA/GJ/IND2/51581/2016 dated 25th November, 2016, along with project documents including Form I, Terms of References, Pre-feasibility Report and EIA/EMP Report with public hearing report regarding the above mentioned project.

2. The Ministry of Environment, Forest and Climate Change has examined the application. It is noted that the proposal is for Melamine Formaldehyde Moulding Powder Manufacturing Unit (500 MTPM) at Survey No: 183, Navagam, Kathawada Village, Kheda Taluka & District, Gujarat by M/s Pristine Melamine LLP. As informed and as per the documents submitted by the Project Proponent (PP), the total land area of company is 9510 m², out of which 3140.0 m² land will be used for greenbelt area development. The estimated cost of the project is ₹ 6.73 Crores. Total budget allocation towards Environmental Management Facilities will be ₹ 20.5 Lakhs and recurring cost will be 8.0 Lakhs per annum. Proposed project will provide employment to 50 persons. It is reported that no National Parks/Wildlife Sanctuaries lies within 10 km distance from the project site, while an open mixed jungle near Nayka is situated at a distance of 6.1 km from the project site. Sabarmati River is flowing at 4.0 km (W) and Khari River is flowing at 4.0 km (S) distances from the project site. The PP proposes to manufacture following products in the unit:



S. No.	Name of the Product	Quantity (MT/Month)	Quantity (MT /Day)
1	Melamine Formaldehyde Moulding Powder	500.00	16.67
Total		500.00	16.67

3. All Synthetic organic chemicals industry projects (Bulk drugs and intermediates excluding drug formulations), located outside the notified industrial area/estate are listed at Sl.No. 5(f) of Schedule of Environmental Impact Assessment (EIA) Notification under Category 'A' and appraised at Central Level by Expert Appraisal Committee (EAC).

4. The project proposal was considered by the Expert Appraisal Committee (Industry) in its 8th meeting held during 26th-27th May, 2016 and awarded Terms of Reference (TOR) for preparation of EIA-EMP report. The TOR was issued by Ministry vide letter dated 15th July, 2016.

5. The EAC (Industry-2) in its 17th meeting held during 26th-29th December, 2016 has considered the proposal for environmental clearance (EC). The Project Proponent and their consultant M/s Rightsource Industrial Solutions Pvt. Ltd., Hyderabad, gave a detailed presentation on the salient features of the project and proposed environmental protection measures to be undertaken, as per Terms of References (TORs) awarded in the 8th meeting held during 26th-27th May, 2016.

6. Public Hearing for the proposed project has been conducted by the Gujarat Pollution Control Board 28.10.2016. The EAC has deliberated upon the issues raised during the public hearing. The concerns were raised regarding ONGC well i.e. nearby this proposed unit, CSR Fund and its planning, CSR funds must be utilized for the nearby villages and Employment, etc. The EAC noted that the issues have satisfactorily been responded by the project proponent and incorporated in the final EIA-EMP report.

7. The PP has informed the EAC that the ambient air quality (AAQ) monitoring was carried out at 8 locations during 15th March, 2016 - 15th June 2016 and the baseline data indicates the ranges of concentrations as: PM₁₀ (55.0 - 63.77 µg/m³), PM_{2.5} (22.46 - 27.87 µg/m³), SO₂ (12.51 - 16.65 µg/m³) and NO_x (21.82 - 26.20 µg/m³). AAQ modeling study for point source emissions indicates that the maximum incremental GLCs after the proposed project would be 0.11 µg/m³, 0.25 µg/m³ and 0.31 µg/m³ with respect to SPM, SO₂ and NO_x respectively. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).

8. The EAC in its 17th meeting held during 26th-29th December, 2016 has noted that the PP has used baseline data from 15th March 2016 - 15th June 2016, while proposal was considered and recommended for TOR during 8th EAC meeting held during 26-27th May, 2016. After due diligence EAC has accepted the base line data/AAQ data.

9. Power requirement will be tune around 350 KVA and fulfilled from Uttar Gujarat Vij Company Ltd. Unit will install 125 KVA of standby D.G. set to meet emergency power requirement and used only during failure of power supply.

10. Coal fired boiler of 2 TPH capacity with 30 m stack height. Cyclone separator followed by Bag filter will be used to control particulate pollution. No Process emissions are liberated from manufacturing process of proposed product.

11. Total fresh water requirement will be 22.50 m³/day and will be met through ground water. 3.40 m³/day waste water will be generated. Wastewater will be treated in ETP followed by forced evaporation. Condensate will be reused.

12. FE Salts will be sent to TSDF. Coal Ash from Boiler will be sold to registered Brick Manufacturers. Used oils will be sold to SPCB Authorized Agencies for Reprocessing/Recycling. PP Bags will be sent to Authorized Parties for Reprocessing/Recycling. Used Lead Acid Batteries will be sent back to suppliers for buyback of New Batteries.

13. The EAC, in its 17th meeting held during 26th-29th December, 2016, has found that the final EIA/EMP report submitted by the PP is adequate. The EAC after detailed deliberations, on the basis of the information and presentation made by the PP, has recommended the project for environmental clearance with certain conditions.

14. Based on the proposal and information submitted by the Project Proponent, and considering the recommendation of the Expert Appraisal Committee (Industry-2), the Ministry of Environment, Forest and Climate Change hereby accords Environmental Clearance to the above project under the provisions of EIA Notification dated 14th September 2006, subject to the compliance of the following Specific and General Conditions:

A. Specific Conditions:

- (i) Coal fired boiler of 2 TPH capacity with 30 m stack height. Cyclone separator followed by Bag filter will be used to control particulate pollution. No Process emissions are liberated from manufacturing process of proposed product.
- (ii) Total fresh water requirement after expansion project from ground water shall not exceed 22.50 m³/day and prior permission should be obtained from the CGWA/SGWA.
- (iii) Wastewater will be treated in ETP followed by forced evaporation. Condensate will be reused.
- (iv) No effluent will be discharged outside the plant premises.
- (v) As proposed, FE Salts will be sent to TSDF. Coal Ash from Boiler will be sold to registered Brick Manufacturers. Used oils will be sold to SPCB Authorized Agencies for Reprocessing/Recycling. PP Bags will be sent to Authorized Parties for Reprocessing/Recycling. Used Lead Acid Batteries will be sent back to suppliers for buyback of New Batteries.
- (vi) The company shall 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 shall be obtained for disposal of solid/hazardous waste in the TSDF. Measures shall be taken for fire-fighting facilities in case of emergency.

- (vii) The by-products which fall under the purview of the Hazardous Waste Rules, be handled as per the provisions of the said Rules and necessary permissions shall be obtained under the said rules.
- (viii) Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- (ix) All the commitments made during the Public Hearing/Public Consultation meeting held on 28.10.2016 should be satisfactorily implemented and adequate budget provision should be made for Navagam and Khatawada villages accordingly.
- (x) At least 2.5 % of the total cost of the project shall be earmarked towards the Enterprise Social Commitment (ESC) based on local needs and action plan with financial and physical breakup/details shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured accordingly for Navagam and Khatawada villages in a time bound manner.
- (xi) The unit shall adhere to Zero Liquid Discharge (ZLD).
- (xii) A well equipped environment management cell shall be formed with a environment manager having post graduate qualification in Environmental Sciences/ Environmental Engineering.
- (xiii) Continuous online (24 x7) monitoring to be installed for flow measurement and measurement of pollutants within the treatment unit. Data to be uploaded on company's website and provided to the respective RO of MEF&CC, CPCB and SPCB.

B. General Conditions:

- i. The project authorities must strictly adhere to the stipulations made by the Gujarat State Pollution Control Board, State Government and any other statutory authority.
- ii. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change. In case of deviations or alterations in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to the Ministry to assess the adequacy of conditions imposed and to add additional environmental protection measures required, if any.
- iii. The locations of ambient air quality monitoring stations shall be decided in consultation with the State Pollution Control Board (SPCB) and it shall be ensured that at least one stations is installed in the upwind and downwind direction as well as where maximum ground level concentrations are anticipated.
- iv. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.
- v. The overall noise levels in and around the plant area 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 viz. 75 dBA (day time) and 70 dBA (night time).

- vi. The Company shall harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and use the same water for the process activities of the project to conserve fresh water.
- vii. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- viii. The company shall also comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management and risk mitigation measures relating to the project shall be implemented.
- ix. The company shall undertake all relevant measures for improving the socio-economic conditions of the surrounding area. CSR activities shall be undertaken by involving local villages and administration.
- x. The company shall undertake eco-developmental measures including community welfare measures in the project area for the overall improvement of the environment.
- xi. A separate Environmental Management Cell equipped with full fledged laboratory facilities shall be set up to carry out the Environmental Management and Monitoring functions.
- xii. The company shall earmark sufficient funds towards capital cost and recurring cost per annum to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change as well as the State Government along with the implementation schedule for all the conditions stipulated herein. The funds so earmarked for environment management/pollution control measures shall not be diverted for any other purpose.
- xiii. A copy of the clearance letter shall be sent by the project 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.
- xiv. The project proponent shall also submit six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the respective Regional Office of MoEF&CC, the respective Zonal Office of CPCB and SPCB. A copy of Environmental Clearance and six monthly compliance status report shall be posted on the website of the company.
- xv. The environmental statement for each financial year ending 31st March in Form-V as is mandated shall be submitted to the concerned State 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 environmental clearance conditions and shall also be sent to the respective Regional Offices of MoEF&CC by e-mail.
- xvi. 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/Committee and may also be seen at Website of the Ministry at <http://moef.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



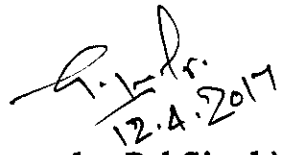
which one shall be in the vernacular language of the locality concerned and a copy of the same shall be forwarded to the concerned Regional Office of the Ministry.

xvii. The 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 start of the project.

15. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

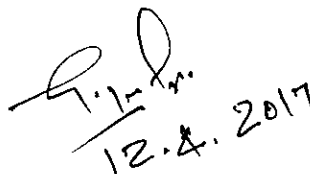
16. The Ministry reserves the right to stipulate additional conditions, if found necessary. The company in a time bound manner will implement these conditions.

17. The above conditions will be enforced, *inter alia* under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous and Other Wastes (Management and Trans-boundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and rules.


12.4.2017
(Yogendra Pal Singh)
Scientist 'D'

Copy to:-

1. The Secretary, Forests and Environment Department, Government of Gujarat, Block 14, 8th floor, Sachivalaya, Gandhinagar-382 010, Gujarat.
2. The Additional Principal Chief Conservator of Forests (C), Ministry of Environment, Forest and Climate Change, Regional Office (WZ), E-5, Kendriya Paryavaran Bhawan, E-5 Arera Colony, Link Road-3, Ravishankar Nagar, Bhopal - 462016
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex East Arjun Nagar, Delhi - 110 032.
4. The Chairman, Gujarat Pollution Control Board, Paryavaran Bhawan, Sector-10A, Gandhinagar-382 010, Gujarat.
5. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh, New Delhi- 110 003.
6. Guard File/Monitoring File/Website/Record File.


12.4.2017
(Yogendra Pal Singh)
Scientist 'D'