



Reference No: SEPA/2018/09/11/EIA/147/18/891/1

**SINDH ENVIRONMENTAL PROTECTION AGENCY
GOVERNMENT OF SINDH**

Dated: 28th December, 2018

HEAD OFFICE:
Plot # ST-2/1, Sector- 23, Shan Chowrangi,
Korangi Industrial Area, Karachi.
Ph: 35065950, 35065598, 35065532
epasindh.gov.pk
Facimile: 35065940

**SUBJECT: - DECISION ON ENVIRONMENTAL IMPACT ASSESSMENT
(EIA).**

1. **Name and Address of Proponent:** Chief Executive Officer,
Engro Polymer & Chemicals Limited,
EZ/P-II-I, Eastern Zone Bin Qasim,
Karachi.
2. **Description of Project:** Expansion of Engro's Polymer PVC
and VCM Plant in Port Qasim, Karachi.
3. **Location of Project:** EZ/P-II-I, Eastern Zone Bin Qasim,
Karachi.
4. **Date of Filing of EIA:** 11-09-2018

5. After careful review of the Environmental Impact Assessment (EIA), Sindh Environmental Protection Agency has decided to accord its approval subject to the following conditions: -

- (i) that Engro Polymer & Chemicals Limited hereinafter referred as proponent shall comply Sindh Environmental Quality Standards (SEQS) for wastewater and establish wastewater treatment plant for tertiary treatment.
- (ii) Mitigation measures recommended in the EIA report must be strictly adhered to in minimizing any negative environmental effect during construction and operation phase.
- (iii) M/s. Engro Polymer & Chemicals Limited will hire an Independent Monitoring Consultant (IMC) having expertise in carrying out Environmental Monitoring. The IMC shall ensure that the activities at project site are undertaken in environment friendly manner and the mitigation measures are implemented as per the recommendations of EIA. The IMC will also guide on implementation of environmental management systems.
- (iv) The proponent is liable to submit monthly environmental monitoring reports produced by IMC to Sindh EPA. The report shall include pollutants measurement and analysis reports along with photographic records showing

Page 1 of 3

Star Jay

- therein the environmental conditions at site during the subsequent phase of construction & operation stages of project. The proponent shall intimate SEPA about hiring of IMC within 02 weeks from the date of issuance of this approval.
- (v) that Environmental Audit of the existing operational unit will be conducted to evaluate the environmental status of the operational site. Audit report will be submitted to Sindh EPA within one month of issuance of this approval.
 - (vi) Engineering design of the vibration and sound producing equipment such as generators, chillers, pumps and other machineries together with housing of such units be kept in soundproof enclosures with right location design of these units shall be adopted as an effective in minimizing the noise levels and vibration impact.
 - (vii) A comprehensive solid waste management plan will be developed to effectively manage all wastes same will be submitted to Sindh EPA within one month.
 - (viii) For all engineering designs, NFPA (National Fire Protection Authority) codes will be followed. Standard fire and smoke detection and protection devices such as alarms, sprinklers, fire hoses and hydrants will be provided at all critical locations.
 - (ix) A complete code of Health, Safety and Environment (HSE) shall be developed, which should include efficient parameters at specific work place. For this purpose, HSE setup should be established and supervised by a designated HSE officer at the senior level with sufficient administrative and technical authority to perform the designated functions. Proponent will make sure that the operating instructions and emergency actions are made available to every worker/labor/commuter at the site.
6. This approval and any considerations thereof shall be treated as null and void if the conditions, mentioned in para-5 above, are not complied with.
7. The proponent shall be liable for compliance of of EIA/IEE Regulations, 2014, which direct for condition for approval, confirmation of compliance, entry, inspection and monitoring.

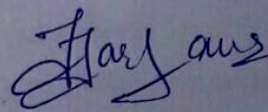
Handwritten signature

8. This approval does not absolve the proponent of the duty to obtain any other approval or consent that may be required under any law in force.
9. The approval is accorded only for the project activity described in the EIA report. Proponent shall submit separate EIA or IEE as required under regulation for any enhancement or change in the design of project.
10. Implementation Report of all the mitigation measures and EMP laid down in the EIA report shall be ensured by Engro Polymer & Chemicals Limited. No violation of any regulations, rules, instructions and provisions of SEP Act, 2014, shall be made and in case of any such violation of the rules/laws in the approval shall stand cancelled without any further notice.
11. All the environmental conditions of this approval shall be incorporated in the terms and conditions of contract document of the project for commitment and compliance.

DIRECTOR GENERAL

Cc...

1. The Director, Regional Office Karachi, Sindh EPA (for information and strict compliance).
2. Master file (P.A. to Director General, Sindh EPA for record)
3. P.A to Additional Director General, Sindh EPA
4. Office copy



Assistant Director (Technical)