

## SCHEDULE-VIII

### Decision on IEE

1. Name & address of Proponent:-

Mr. Muhammad Saeed  
Chief Executive Officer of M/S Ravi Northern Gas (Pvt.) Ltd./  
LPG Storage and Filling Plant, Karakuram Road, Maira  
Besham, Tehsil Besham & District Shangla.  
Contact # 0333-5545522

2. Description of Project:

The project involves the installation and operation of a Liquefied Petroleum Gas (LPG) storage and bottling/filling plant located Karakuram Road, Maira Besham, Tehsil Besham & District Shangla, Khyber Pakhtunkhwa. This approval is granted based on the successful completion of the Initial Environmental Examination (IEE) process, ensuring strict adherence to all relevant environmental laws and regulations. This plant will utilize LPG as its primary raw material, transported in tankers to the facility. The LPG will then be used for bottling/filling cylinders as final products, catering to both domestic and commercial consumers through electronic/automatic filling machines.

The bottling plant will have a storage capacity of 50 Metric Tons, with its one mounded bullet storage. The estimated total project cost is approximately PKR 35 Million, and it will be situated on 08 'Kanal' of land.

3. Location of project:

The project site is located at Karakuram Road, Maira Besham Tehsil Besham & District Shangla – Khyber Pakhtunkhwa.

GPS coordinates(As per lay out Map):

Storage tank : 34.819071° N, 72.979065° E

Boundary walls:

Point 1. (North East) : 34.818886° N, 72.978928° E

Point 2. (South East) : 34.818872° N, 72.979497° E

Point 5. (North West) : 34.819450° N, 72.979461° E

Point 4. (South West) : 34.819468° N, 72.978845° E

Google Earth Map:



4. Date of filing of IEE:

21-11-2023

(Ref: EPA ROS Diary No.4413)

5. After careful review, the Environmental Protection Agency, Regional Office, Swat Government of Khyber Pakhtunkhwa, has decided to grant construction phase Environmental Approval for the Initial Environmental Examination (IEE) Report of the project titled " **M/S Ravi Northern Gas (Pvt.) Ltd./ LPG Storage and Filling Plant, Karakuram Road, Maira Besham, Tehsil Besham & District Shangla** ". This decision is in accordance with the guidelines issued by the Khyber Pakhtunkhwa Environmental Protection Act, 2014, and the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021. The approval is subject to the following terms and conditions:

- a) The proponent must adopt and implement all precautionary and mitigation measures identified in the IEE report, commitments made in subsequent correspondence, and address any unanticipated impacts during the construction and operation phases of the project.
- b) All effluents, emissions, and noise, if any, must remain within the permissible limits defined by the National Environmental Quality Standards (NEQS).
- c) All the construction & installation in the project area shall be carried out according to building by-laws, master plan and instructions provided by OGRA Rules 2001 (Amended 2014) and NFPA requirements, especially regarding the distance from houses/buildings etc.
- d) Proper diking shall be carried out around the storage tanks.
- e) The height of the boundary wall shall be sufficient to enclose the compound for strengthening safety.
- f) Grass and vegetation around the storage tank are potential sources of ignition. It must be cleared and either concreted or tiled.
- g) Storage tanks and dispensing systems must be properly designed, maintained, and monitored to avoid gas leakage and toxic emissions.
- h) Automatic sensors shall be installed, as well as soap testing of all joints and pipes shall be carried out regularly, to check the leakage and adopt appropriate mitigation measures for its control.
- i) The safety and emergency measures shall be carried out in the premises of the project area, e.g., emergency exits, fire extinguishers at different points, alarm system, proper housekeeping, demarcation/labeling each point, etc.
- j) Personal protective equipment shall be provided to all workers to ensure health and safety with a first aid box for emergency medical coverage.
- k) Warning sign boards and environmental related messages must be mounted at appropriate sites.
- l) Vehicles carrying LPG shall be properly labeled with a message indicating the existence of LPG etc.
- m) No nuisance by way of noise, dust, odor, soil and ground water contamination shall be caused to the public and surrounding environment during construction and operation of the project.
- n) Solid waste from the project must be collected and disposed of properly at the TMA designated dumping site.
- o) Septic tanks must be constructed to treat domestic waste water within the premises of the project.
- p) Facilities like Mosque/prayer place and washrooms shall be provided in the project area.
- q) All electric motors and devices (e.g., pumps, compressors, generators) must be enclosed to meet National Environmental Quality Standards for noise. Efforts may be made to switch to environmentally friendly and renewable energy sources such as solar energy, etc.
- r) Implement such an additional effective measures as are necessary to prevent any adverse impacts on the safety of the nearby warehouses, residential setups and petrol pump.
- s) The proponent must minimize water use, employ rainwater harvesting, and recycle/reuse water for secondary purposes, including groundwater recharge, toilet flushing, garden irrigation, and cleaning.
- t) Proper parking facilities must be provided within the project area for loading and unloading vehicles.
- u) Display a signboard at the gate or entrance route with project name, proponent's name, contact information for the proponent, and the project in-charge for general public information.

- v) Provide local employment in non-technical jobs.
- w) A minimum of 100 plants or trees of local species shall be planted along the boundary wall and available spaces within the project area.
- x) A copy of this approval and IEE report shall be provided to the contractor/operator at the LPG Plant site for information & implementation, and a biannual (six month) performance/compliance report shall be submitted to this Agency by the proponent.
6. The proponent shall be liable for the correctness and validity of the information provided to the EPA in the IEE report and subsequent correspondence.
7. EPA will regularly visit the project site. The proponent must facilitate monitoring and comply with additional EPA conditions if required.
8. The proponent shall be liable for compliance of Rules 14(2), 15, 18, 19 and 20 of Khyber Pakhtunkhwa Environmental Assessment Rules 2021, regarding approval, confirmation of compliance, validity, entry, inspections and monitoring.
9. The proponent must provide written notification to the relevant EPA authorities regarding the commencement date of construction/installation and the start of operations for monitoring purposes.
10. This approval is accorded only for the installation/ construction phase of the project, the proponent shall implement the mitigation measures identified in IEE Report and this approval in this stage; **the proponent will have to obtain separate approval for the operation phase** after compliance in accordance with Rule-15 of the KP-Environmental Assessment Rules, 2021.
11. Any alteration or expansion of the approved project shall be communicated to EPA and shall be commenced after obtaining the approval; likewise, no other activities should be undertaken other than what is stipulated in the IEE Report.
12. This approval shall be treated as null and void under rule-21 of the Rules ibid if all or any of the conditions mentioned above is/are not complied with.
13. This approval does not absolve the proponent of the duty to obtain any other approval or clearance that may be required under any law in force from any other Agency.
14. There shall be no legal case pending in the courts against the project.
15. In exercise of the powers conferred upon the undersigned under Section 13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the undersigned is pleased to approve the IEE Report for the construction phase of the project with the above mentioned terms and conditions.

Dated: Swat/ 03/01/2024

Tracking/File. No. EPA/ROS/ IEE/Ravi Northern LPG/Shangla/ 197

Tracking Code:



*[Signature]*  
03/01/2024  
Director (Malakand)  
EPA, Regional office Swat  
Khyber Pakhtunkhwa

<https://epakp.gov.pk/environmental-approvals/>