



Zero Tolerance to Corruption
ENVIRONMENTAL PROTECTION AGENCY
CLIMATE CHANGE, FORESTRY, ENVIRONMENT
&
WILDLIFE DEPARTMENT
GOVERNMENT OF KHYBER PAKHTUNKHWA



No. EPA/EIA/Cu-Smelting/Pak-Congling/HSEZ/Haripur/26/ Date: 12/02/2026

900-03

To

Mr. Lu Yuwen,
Proponent of M/S Pakistan Congling Silk Route Steel (Pvt) Ltd,
Address 1: Plot # 102-119, C-10 & C-11 Zone "C", Hattar Special Economic
Zone (HSEZ), Haripur.
Address 2: H#9, St # 62, Sector F-8/4, Islamabad.
Phone# 0370-5228900

Subject: DECISION ON THE EIA REPORT OF M/S PAKISTAN
CONGLING SILK ROUTE STEEL (PVT) LTD, PLOT # 102-119,
C-10 & C-11 ZONE "C", HATTAR SPECIAL ECONOMIC ZONE,
HARIPUR.

With reference to the subject cited above, please find enclosed herewith the Construction phase Environmental Approval/Decision Note on EIA Report of the subject project for your information and further implementation.

Moreover, **Schedule-X** must be submitted to this Agency within a month on Stamp Paper as an undertaking for the compliance of terms and conditions as mentioned in the Environmental Approval as well as mitigation measures proposed in the EIA Report. (Copy enclosed).

Deputy Director (EIA)
Deputy Director (EIA)

Copy for information and necessary action to the;

- Director (North), EPA Northern Directorate, Abbottabad.
- GIS Specialist/AD IT, EPA, HQ, Peshawar.
- P.A to the Director General, EPA KP.

*AD (IT)/ Asad (CO)
verify from EIA cell
and then official who site plan
12/2/26*

3rd Floor, SDU Building, Khyber Road, Peshawar Cantt
Telephone: 92 (91) 9210263, Fax: 92 (91) 9210280

verified

*7/3/26
M.V.*

SCHEDULE-VII
DECISION ON EIA

1. **Name, address of proponent:** Mr. Lu Yuwen,
Pakistan Congling Silk Route Steel (Pvt)
Ltd, Plot # 102-119, C-10 & C-11 Zone "C",
Hattar Special Economic Zone, Haripur.
H#9, St # 62, Sector F-8/4, Islamabad.
Phone# 0370-5228900.

2. **Description of project.**

The proposed project is "Processing of Non-Ferrous metal ores and a comprehensive utilization project for Copper Polymetallic Mineral Separation and Smelting by **M/S Pakistan Congling Silk Route Steel (Pvt.) Limited** is located at Plot # 102-119, C-10 & C-11 Zone "C", Hattar Special Economic Zone, District Haripur". It involves processing of non-ferrous copper polymetallic ores through beneficiation (200,000 tons per annum capacity) and smelting/refining (5,000 tons per annum anode copper production). The facility will be developed on approximately 19.24 acres and will operate in two main stages: ore beneficiation comprising crushing, grinding, flotation and dewatering to produce copper concentrate; followed by smelting and refining including pelletizing, blast furnace smelting to produce copper matte, converter blowing for blister copper, and fire refining to yield anode copper (99% purity). Integrated pollution control systems include baghouse filters for dust, flue-gas desulfurization (FGD) for SO₂ with gypsum recovery, and zero-liquid-discharge (ZLD) wastewater recycling. Raw materials mainly consist of copper ore (200,000 tons/year), coke, lime and reagents. Water consumption is estimated at approximately 200 m³/day (73,280 m³/year) sourced from the SEZ supply, with closed-loop reuse and negligible discharge. Domestic wastewater will be treated via septic systems. Solid waste primarily comprises slag (~31,000 tons/year) and dust, to be managed through certified recyclers/vendors. The total power requirement is approximately 6 MW, to be supplied through 132 kV grid connection supplemented by a 5.6 MWp rooftop solar photovoltaic system.

3. **Location of project.**

Plot # 102-119, C-10 & C-11 Zone "C", Hattar
Special Economic Zone, District Haripur.

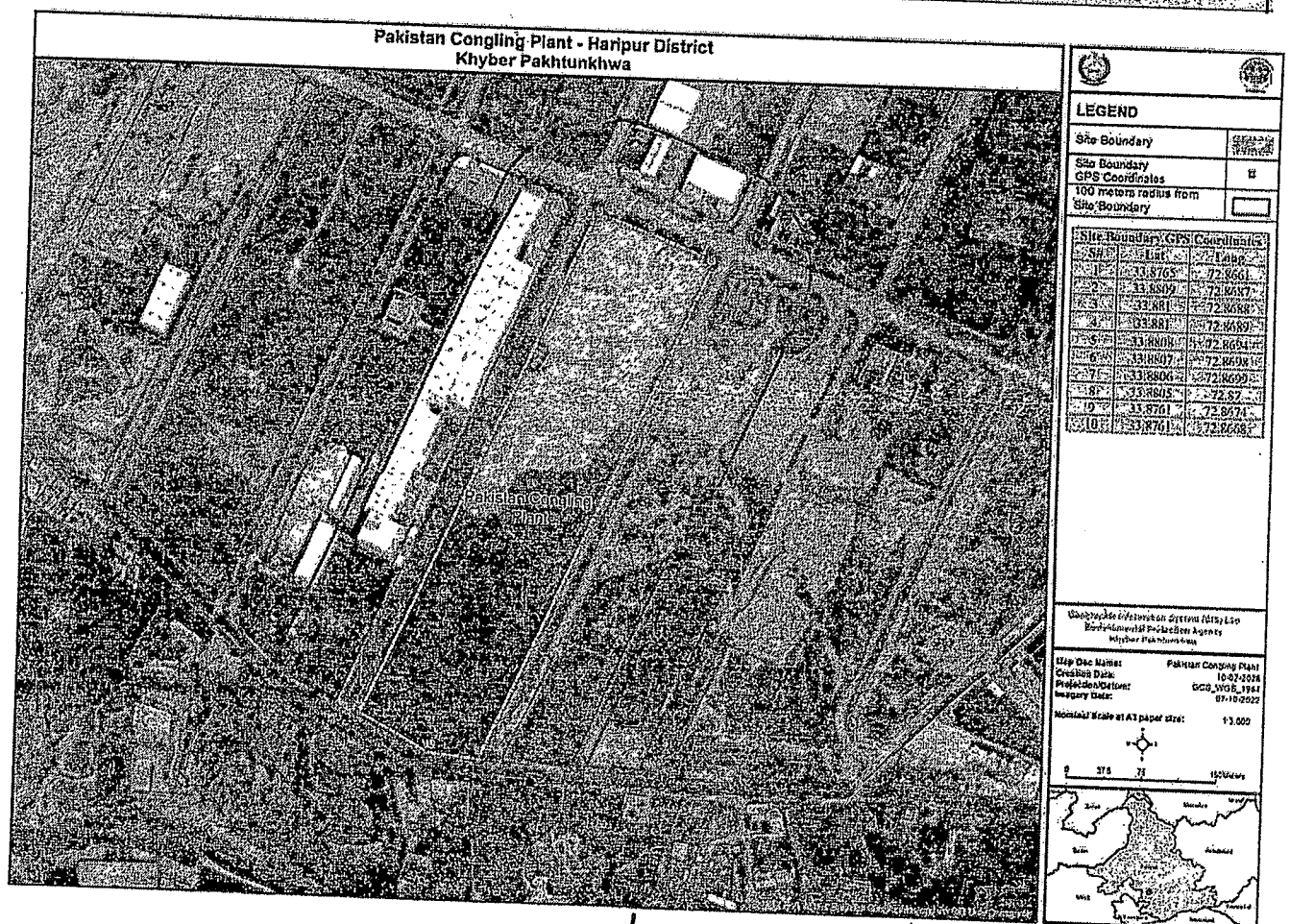
4. **Date of filing of EIA.**

29/10/2025 (Diary No. 613)

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5.GPS Coordinates and Map.

Site Boundary GPS Coordinates		
SH	Lat	Long
1	33.8765	72.8661
2	33.8809	72.8687
3	33.881	72.8688
4	33.881	72.8689
5	33.8808	72.8694
6	33.8807	72.8698
7	33.8806	72.8699
8	33.8805	72.87
9	33.8761	72.8674
10	33.8761	72.8668



6. After careful review, the Environmental Protection Agency, Government of Khyber Pakhtunkhwa has decided to accord Construction Phase Environmental Approval on the Environmental Impact Assessment (EIA) Report for "Processing of Non-Ferrous metal ores and a comprehensive utilization project for Copper Polymetallic Mineral Separation and Smelting by **"M/s Pakistan Congling Silk Route Steel (Pvt.) Limited,** located at Plot # 102-119, C-10 & C-11 Zone "C", Hattar Special Economic Zone, District Haripur", in accordance with the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021 and the decision taken under Agenda item No.06 of the 2nd Environmental Protection Council (EPC) meeting held on 11/09/2024 followed by Administrative Department Notification No. SO(Env)/CCFE&WD/4-

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2/2023/EPC/V-III dated 22/01/2025. Furthermore, the proponent shall have to obtain NOCs required from other departments under the prevailing laws/rules of the Provincial Government. This approval shall be governed by the following terms and conditions: -

- a. This approval is accorded under Section 13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014.
- b. The proponent shall adopt and implement all precautionary, preventive, and mitigation measures recommended in the approved EIA Report, the Environmental Management Plan (EMP), and replies submitted to this Agency, and shall also address any unanticipated environmental impacts arising during the construction and operational phases of the project.
- c. The proponent shall ensure continuous compliance with the National Environmental Quality Standards (NEQS) for air emissions, noise, wastewater, and soil during both construction and operation phases, and shall fully implement the Environmental Management Plan (EMP).
- d. The proponent shall adopt any additional mitigation measures as directed by this Agency based on inspections, complaints, or monitoring results.
- e. All emissions from furnaces, smelters, converters, crushing, grinding, material handling systems, and generators shall strictly comply with National Environmental Quality Standards (NEQS) at all times.
- f. High-efficiency air pollution control systems including baghouse filters, scrubbers, dust collectors, and Flue Gas Desulfurization (FGD) units shall be installed, continuously operated, and properly maintained.
- g. The proponent shall install adequate and appropriate air pollution control systems for crushing, grinding, smelting, and material handling operations to effectively control dust and gaseous emissions and ensure compliance with NEQS.
- h. The proponent shall ensure proper storage and handling of ores, fluxes, fuels, and chemicals through covered storage, impervious flooring, and controlled handling practices to minimize fugitive emissions and prevent soil and water contamination.
- i. All chemicals and reagents to be used during operation shall be procured only from approved suppliers providing material safety data sheets (MSDS) Hazardous Substances Rules.
- j. Chemical specific MSDS, supplier details and batch-wise consumption records shall be maintained on-site and made available to KP-EPA during inspection.
- k. The proponent shall install and continuously operate all Air Pollution Control Systems (APCS) and Fugitive Dust Control Systems during production, maintenance, and testing activities. The unit shall not operate if any pollution control system is non-functional.
- l. During repair or maintenance of pollution control systems, alternative emission control measures shall be adopted. If compliance cannot be ensured, the unit shall remain shut down.
- m. Acid mist and sulfur-based emissions from the smelting processes shall be controlled through high-efficiency scrubbers and optimized ventilation systems. The proponent shall ensure continuous compliance with NEQS for Gaseous Emissions and maintain a log of regular monitoring reports for inspection by the KP EPA.
- n. Sulfur dioxide (SO₂) captured through Flue Gas Desulfurization (FGD) shall be converted into gypsum or other EPA-approved by-products, stored on impervious surfaces, and disposed of or utilized through authorized channels only.
- o. Permanent and safe access to stack emission sampling points shall be provided for EPA monitoring.

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- p. Continuous Emissions Monitoring Systems (CEMS) for key parameters (SO₂, NO_x, PM and relevant heavy metals) shall be installed and maintained, with real-time data access provided to EPA.
- q. The project shall operate the industry strictly on a Zero Liquid Discharge (ZLD) basis. No industrial effluent shall be discharged outside the premises under any circumstances.
- r. All process wastewater shall be treated, recycled, and reused within the facility.
- s. In case of failure of the ZLD system, relevant operations shall be suspended immediately until compliance is restored and verified by EPA.
- t. Treated effluents shall comply with NEQS for heavy metals including copper, lead, arsenic, and other relevant parameters.
- u. Water meters shall be installed at abstraction and consumption points, and water conservation, recycling, and reuse measures shall be implemented.
- v. Groundwater, surface water, and soil shall be protected from contamination through impervious flooring, secondary containment, and proper housekeeping.
- w. Slag, dust, residues, tailings, and other solid wastes shall be characterized and disposed of or recycled through EPA-certified vendors only.
- x. Contracts with certified waste disposal vendors shall be executed and copies submitted to EPA.
- y. A dedicated hazardous waste storage area with impervious flooring, covered roofing, proper ventilation, and restricted access shall be developed.
- z. All hazardous wastes shall be handled, labeled, stored, transported, and recorded in accordance with applicable Hazardous Substances Rules, and records shall be made available for inspection.
- aa. The proponent shall submit the structure and staffing of the environmental compliance team or environmentalists along with quarterly reporting responsibilities prior to commencement of operation.
- bb. Copper-bearing materials, concentrates, residues, and by-products shall be stored in enclosed areas with secondary containment to prevent leaching and runoff.
- cc. Secondary minerals/by product shall be segregated at source, stored in designated impervious areas and recovered or sold to authorized processors.
- dd. Non-recoverable mineral residues shall be stabilized (if required), temporarily stored under controlled conditions and dispose of at approved facilities/handed over to certified contractor.
- ee. Regular soil and groundwater monitoring around storage and processing areas for heavy metals (including copper, lead, and arsenic) shall be conducted, with remedial actions taken if exceedances are detected.
- ff. Adequate noise and vibration control measures shall be adopted to ensure compliance with applicable standards.
- gg. Water sprinkling and dust suppression measures shall be carried out to prevent public nuisance.
- hh. Construction activities shall minimize disturbance through phased scheduling, controlled vehicle movement, noise barriers, erosion control, and proper waste management.
- ii. Personal Protective Equipment (PPE) including masks, fire-resistant clothing, gloves, helmets, goggles, and safety shoes shall be provided and mandatory usage ensured.
- jj. Regular health check-ups, including quarterly blood tests for heavy metal exposure (copper, lead), shall be conducted for exposed workers, and medical records shall be maintained.
- kk. Safety training shall be provided to all personnel covering environmental compliance, chemical handling, and emergency response.
- ll. First aid facilities, safety signboards, and standard safety equipment shall be installed and maintained.

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- mm. The proponent shall install and maintain fire detection and firefighting system in strict accordance with Rescue 1122 requirements, integrated into a comprehensive Emergency Response Plan (ERP). This plan shall include formally established communication protocols, coordination mechanisms, and emergency contact arrangements with Rescue 1122 to ensure a synchronized response to any industrial contingency
 - nn. The proponent shall submit Quarterly Environmental Compliance Reports to the EPA KP, featuring analysis from an EPA-certified laboratory for gaseous emissions, noise levels, and heavy metals in effluents. Furthermore, stack emission testing shall be conducted quarterly by a certified third-party laboratory in the mandatory presence of Agency officials to ensure NEQS compliance
 - oo. Annual third-party environmental audits shall be conducted and reports submitted to EPA's EIA Cell.
 - pp. The proponent shall implement a comprehensive water management plan, including a rainwater harvesting system, engineered bore-well designs, and an integrated liner fountain plan to ensure sustainable groundwater usage.
 - qq. The proponent shall ensure all hazardous waste is handled, transported, and disposed of through EPA-certified contractors. The proponent must submit the valid authorization/license details of these contractors to the Agency before commencing operations.
 - rr. The proponent shall establish a dedicated Environmental Compliance Team, led by qualified environmentalists, and shall be responsible for submitting Quarterly Environmental Monitoring Reports (QEMRs) to the Agency as per Rule 16 of the KP Environmental Assessment Rules 2021.
 - ss. A comprehensive Occupational Health and Safety (OHS) Plan shall be adopted, incorporating exposure monitoring, a medical surveillance schedule, and the implementation of recommendations from the Hazard and Operability (HAZOP) study.
 - tt. Plantation shall be carried out as per the approved plantation plan, with priority to indigenous species, and maintained during construction and operation.
 - uu. Adequate funds shall be allocated in the EMP for environmental improvement, awareness activities, plantation, and coordination with EPA.
 - vv. Preference shall be given to local residents for employment, particularly for non-technical jobs, and wages shall be paid in accordance with prevailing government rules.
 - ww. The proponent shall submit a bi-annual progress report on the Corporate Social Responsibility (CSR) Plan, including but not limited to the implementation of preferential local employment, community welfare schemes, installation of water filtration plants, scholarships/educational assistance for deserving local students, healthcare support, and local development initiatives. The plan shall include specific budgetary allocations and documented evidence of expenditures.
 - xx. The proponent shall establish a Grievance Redress Mechanism (GRM), including a dedicated focal person and a complaint register, to address and resolve public concerns during both construction and operation.
 - yy. Any future expansion, technological modification, or change in raw material or production process shall not be undertaken without prior approval from EPA.
7. The Proponent shall remain fully responsible and legally liable for the accuracy, authenticity, completeness, and validity of all information, data, designs, commitments, and representations provided in the EIA Report and subsequent replies/submissions, including those prepared, compiled, or submitted by the environmental consultant on its behalf.
8. There shall be no legal case/cases pending in any court against the project.

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9. The proponent shall comply with Rules 14, 15, 18, 19, 20 and 21 of the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021, concerning conditions of approval, confirmation of compliance, validity/extension of approvals, entry and inspection, monitoring, and cancellation; and shall fully facilitate the Agency in exercising its powers thereunder, including compliance with any show-cause, suspension or cessation orders issued under Rule 21.
10. This approval accorded by the Agency under section 13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, and shall be valid, for commencement of construction for a period of two years from the date of issuance.
11. This approval is accorded only for the construction phase of the project. The Proponent shall obtain approval for operation of the project in accordance with the rule-15 and 18 of the Khyber Pakhtunkhwa Environmental Assessment Rules, 2021.
12. Any change in the approved project shall be communicated to EPA, Khyber Pakhtunkhwa and shall be commenced after obtaining the approval.
13. This approval shall be deemed suspended or liable to cancellation if any condition of approval is violated, misrepresented, or not complied with, without prejudice to any other action that may be taken under the Khyber Pakhtunkhwa Environmental Protection Act, 2014 and rules framed thereunder.
14. This approval does not absolve the Proponent of the obligation to obtain any other approvals, NOCs, permits, or clearances required under any other law for the time being in force. All such approvals from relevant Authorities shall be obtained prior to commencement of the project.
15. Now in exercise of the powers conferred under Section 13 of the Khyber Pakhtunkhwa Environmental Protection Act, 2014, the undersigned is pleased to approve the Environmental Impact Assessment (EIA) Report of "Processing of Non-Ferrous metal ores and a comprehensive utilization project for Copper Polymetallic Mineral Separation and Smelting by **M/S PAKISTAN CONGLING SILK ROUTE STEEL (PVT.) LIMITED, PLOT # 102-119, C-10 & C-11 ZONE "C", HATTAR SPECIAL ECONOMIC ZONE, DISTRICT HARIPUR**" for the Construction Phase, subject to compliance with the above terms and conditions.

Dated: Peshawar 12/02/2026

Tracking/File No.: EPA/EIA/Cu-Smelting/Pak-Congling/HSEZ/Haripur/26/ 900-03

QR Code:



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

DEPUTY DIRECTOR (CC),
EPA, KHYBER PAKHTUNKHWA,
3RD FLOOR, S.D.U. BUILDING,
KHYBER ROAD PESHAWAR CANTT.