



TECHNICAL ASSIGNMENT

HSSE Compliance Upgrades – Pumping Stations &
Shaft Wells Portfolio (Georgia)

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ABSTRACT

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& Shaft Wells Portfolio (Georgia)

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1. Purpose & Background

This Technical Specification defines the minimum technical, HSSE, and quality requirements for the design and execution of corrective works to close non-conformities identified by the HSSE/Labour Safety inspections and internal HSSE reports at multiple assets (pumping stations and shaft wells). The objective is to eliminate fall hazards, restore safe walking-working surfaces, upgrade access/guarding, and remedy structural, glazing, sanitary, electrical cabinet and perimeter deficiencies, ensuring compliance with applicable Georgian HSSE legislation and technical regulations, and closing all items in the inspection acts for each site.

2. Scope of Services and Works

The Contractor shall review inspection acts, perform site surveys, prepare design documents, execute the works, and demonstrate compliance. Thematic work packages include: fall protection, guardrails, floor and ceiling repairs, glazing replacement, sanitary upgrades, electrical cabinet replacement, and perimeter security.

3. Applicable Regulations & Standards

- Organic Law of Georgia on Occupational Safety (Law No. 4283)
- Government Resolution No. 341 (2022) – Minimum workplace safety & health requirements
- Government Resolution No. 477 (2017) – Safety requirements for working at heights
- Government Resolution No. 457 (2022) – Safety/health signs in the workplace
- Government Resolution No. 135 (2025) – Work equipment safety requirements
- Decree No. 590 (2022) – PPE usage requirements
- We must apply SNIP 's prices for each work unit.

4. HSSE Management During Works

The Contractor shall submit a Project HSSE Plan, implement permits-to-work, ensure PPE compliance, maintain signage and barriers, manage waste, and conduct training and incident reporting.

5. Quality Assurance / Quality Control (QA/QC)

Submit an Inspection & Test Plan (ITP), manufacturer certificates, material datasheets, and perform functional verification of all installed systems.

6. Deliverables

- Compliance Closure Plan
- Design package
- Execution records
- As-built dossier and Regulatory Compliance Report

7. Competence & Materials

Supervising engineers and HSSE specialists must be competent in Georgian regulations. All materials shall be new, CE-marked or equivalent, and suitable for site conditions.

8. Interfaces & Constraints

Maintain pumping operations, coordinate outages, protect equipment, and reinstate disturbed areas.

9. Warranty

Defects Liability: 12 months from completion per site.

10. Annex A — Site-by-Site Scope Breakdown

- Khrami Shaft Wells – Covering of Openings on Shaft Wells
- Khrami II Elevation Pumping Station – Correction of labor safety deficiencies in P.S. Krami II elevation.
- Marneuli Pumping Station – Correction of labor safety deficiencies in P.S. Marneuli.
- Didi Lilo 1 Pumping Station – Correction of labor safety deficiencies in P.S. Didi Lilo 1
- Didi Lilo 2 Pumping Station – Correction of labor safety deficiencies in P.S. Didi Lilo 2
- Vazisubani 2 Pumping Station – Correction of labor safety deficiencies in P.S. Vazisubani 2

11. Annex B — Documentation to be Provided by Employer

- Official HSSE / Labour Safety Inspection Acts
- Available drawings, cadastral plans, and location maps

12. Annex C — Minimum Submittals by Contractor

- Compliance Closure Plan & matrix
- Design package
- Materials and equipment datasheets/certificates
- HSSE documentation
- Execution records
- As-builts and final Regulatory Compliance Report

13. Correction of labor safety deficiencies in Pumping station and Shaft Wells

Khrami Shaft Wells

- Covering all existing shafts well openings Using durable, safe, and compliant materials for covers, if necessary, it should be possible to open the covers to carry out work.

Photos: [Khrami Shaft Well](#).

Khrami II Elevation Pumping Station

- The floor of the work area must not be slippery or hazardous due to an uneven surface; at the same time, it must be solid, without holes, slopes, or protrusions. (Government of Georgia Decree No. 341 July 1, 2022, Article 5, Paragraph 2.).
- Replace/repair the damaged glass panes according HSSE norms.
- Protective railings/guardrails/handrails must be installed wherever there is a potential risk of falling from height; (Government of Georgia Decree No. 477 October 27, 2017, Article 5, Paragraph a) .
- Ramps with a height exceeding 1 meter must be equipped with protective railings. (Government of Georgia Decree No. 477 October 27, 2017 Article 10, Paragraph 4).
- Electrical equipment and wiring must be designed and installed in compliance with the relevant regulatory standards so that the work area is properly protected from fire and explosion hazards.” (Government of Georgia Decree No. 341 July 1, 2022, Article 3, Paragraph 1).
- The toilet should be arranged in compliance with sanitary norms. toilets must include wastewater treatment, like a septic tank or similar. The wastewater must be accumulated on site and periodically removed. Restrooms must be equipped with an exhaust or ventilation system and washbasins.

Inspection Act: [Khrami Second Elevation Pumping Station](#)

Marneuli Pumping Station

- The floor of the work area must not be slippery or hazardous due to an uneven surface; at the same time, it must be solid, without holes, slopes, or protrusions. (Government of Georgia Decree No. 341 July 1, 2022, Article 5, Paragraph 2.) .
- Restore damaged windows.
- The toilet should be arranged in compliance with sanitary norms. toilets must include wastewater treatment, like a septic tank or similar. The wastewater must be accumulated on site and periodically removed. Restrooms must be equipped with an exhaust or ventilation system and washbasins.
- Electrical equipment and wiring must be designed and installed in compliance with the relevant regulatory norms so that the working space is adequately protected from fire and explosion hazards. (Resolution of the Government of Georgia No. 341 July 1, 2022. Article 3. P.1.).
- Arrange according to the standard, no other person is allowed in the territory except the authorized person.
- The employees’ space should be furnished according to the standard, it needs renovation, walls should be painted, old furniture should be removed and new one should be installed.

- A dining area with a bathroom and appropriate safety equipment should be provided.

Inspection Act: [Marneuli Pumping Station](#)

Didi Lilo 1 Pumping Station

- The open points in area of the pumping station must be closed durable, safe, and compliant materials for covers according HSSE norms.
- The ceiling in the machine hall is damaged and it is big risk will damage pump units. It must be repaired or replaced according to HSSE norms.

Inspection Act: [Didi Lilo 1 Pumping Station](#)

Didi Lilo 2 Pumping Station

- The open points in area of the pumping station must be closed durable, safe, and compliant materials for covers according HSSE norms.
- The fence of the territory is damaged and must be repaired or replaced safe, and compliant materials according to HSSE norms.
- The territory of the pumping station Sanitary and hygienic points do not comply with safety requirements, so it is necessary to upgrade existing points or make new ones according to HSSE norms.

Inspection Act: [Didi Lilo 2 Pumping Station](#)

Vazisubani 2 Pumping Station

- The cracks and damages on the pumping station building walls must be repaired with appropriate construction materials, structural reinforcement carried out if necessary, and the damaged floor fully replaced or restored.
- The existing wooden box must be replaced with a new one that complies with the standards according HSSE norms.
- The electrical points must be change or repair in the high-voltage storage room and the engine room according HSSE norms.
- Platforms with stairs and protective railings must be arranged to provide safe access to valves in compliance with safety requirements.
- The open points in area of the pumping station must be closed durable, safe, and compliant materials for covers according HSSE norms.

Inspection Act: [Vazisubani 2 Pumping Station](#)