

## 1 SCOPE

GEOSTEEL LLC EMS management system is designed to meet the requirements of safety and environment as per ISO 14001:2015 & ISO 45001:2018

GIMS applies to “Production and sale of billets and reinforcement bars”.

Requirements and recommendations of HSE Manual apply to the scope of GIMS and are mandatory for all employees of the organization.

HSE Manual of our organization is used:

- as a guideline of quality management for all employees of the organization;
- as an official manual for clients of the organization for confidence purposes;
- for submitting to the certification body for assessment purposes.

QMS & EMS describes the scope, documents and processes of GIMS necessary for ensuring effective implementation and operation of GIMS and their sequence. Quality Manual & HSE Manual defines the quality policy and strategic, responsibility of top management, it also includes interaction of GIMS processes and departments of our organization.

GEO STEEL LLC has adopted the “Process Approach” into our daily operations including the PDCA Cycle. We have considered the utilization of Risk-Based Thinking Philosophy when developing, implementing, and improving the effectiveness of our Safety, Health and Environment Management System. This approach will enable GEOSTEEL LLC to enhance the overall performance of the Company by effectively controlling the interrelationships and the interdependencies among the EMS processes.

Geosteel is the one of largest integrated steel plant in Caucasus region having 17.6 hector land in industrial zone of Rustavi city. Geosteel is producing the high quality of steel reinforcement rebar. Geosteel production capacity is 175000 MT per annum. It has a scrapyard, steel melting shop comprising of EAF, LRF & CCM. The billet size is 130X130 mm and these billet as then rolled in a rolling mill with 35T/hr reheating furnace. The finish product are rebar ranging from 8mm to 32mm. Total work force is approx. 475 including expatriate.

Produced rebar is supplied to Georgia and in also export to other countries. .

- **Purpose:** As one of Georgia leading providers for rebar production, our reason for ‘being’ is a combination of our vision, mission, and values.
- **What is our vision?** To become the most trusted provider for rebar and billets in the Caucasus region and Eastern Europe.
- **What is our mission?** To expand our operations by consistently meeting customers’ expectations and our legal requirements; which includes the enhancement of customer satisfaction, and

protection of our environment. Through the effective application of our processes for continual improvement and environmental performance.

- **What are our values?** Sustainable business, social economic and environmental impacts, responsible governance and equal opportunity. These are re-enforced through sustainability principles and workforce integrity throughout all business operations. Cooperation and collaboration are expected norms within the organization's management, with recognition provided for all through regular appraisals. We encourage and embrace any values which support the behaviors that employees cherish.
- **Strategic Direction:** To implement and gain accredited certification ISO14001 & ISO 45001 in production facility, To employ a motivated workforce that will embrace the organization values, and complement the cooperation and collaboration needed to achieve the effective application of our processes for continual improvement.
  - To provide value for the environment, our organization, and our interested parties
  - To enhance our environmental performance
  - To fulfil our compliance obligations; and
  - To achieve our environmental objectives
  - Effective control/influence over interested parties, within our product life cycle, thereby improving our overall environmental performance
- Hazardous wastes are generated from primary production, laboratory operations, and cleaning processes. Solid waste stream which is disposed of as hazardous waste.
- **External issues**

#### Site Orientation

- Geosteel LLC is situated in Rustavi – Khemo Khartuli state, it area is 17.6 hector Apart from the infrastructure for steel making and rebar production the company has a scrap yard.
- The entire complex is situated east part of Rustavi & it is industrial zone declared by Georgian government. in front of Geosteel some other steel company is present and some other small companies. (Issue: contribution to traffic congestion and emissions through vehicle fleet noise, odor, interested party complaints)

#### Site Context

- In the vicinity of Geosteel LLC, there is other metallurgical plant and also some other small manufacturing unit.
- **Authority, Responsibility & Ability**
  - HSE Manager is fully authorized, responsible & having the ability to handle the EMS issue related to internal & external party