

DMT GmbH & Co. KG · P.O. Box 13 01 01 · 45291 Essen · Germany

To:
Ministry of Labour, Health and Social Affairs of Georgia
144, Ak. Tsereteli Ave. Tbilisi 0119
GEORGIA

DMT GmbH & Co. KG
Geo Engineering & Exploration
Exploration & Engineering Geophysics

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Our / Your Reference

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Draft scope and price info for a H&S audit for the Tkibuli Coal Mine, Georgia

DMT offers to review and assess the health and safety conditions at Tkibuli coal mine in Georgia, and to recommend measures to improve the H&S conditions of the mine. DMT will provide a team of experts combining decades of operations experience and know-how in safe underground coal mining.

DMT GmbH & Co. KG (DMT) is an independent German engineering and consulting company in the sectors of mining and natural resources exploration, coking plant technology, civil, mechanical and plant engineering as well as product and building safety. It has a long history of about 140 years in coal mining research and services. DMT is a principal consulting and service provider for the German hard coal mining industry in Germany. DMT currently employs a staff of 650, has three accredited test laboratories and 16 officially recognised specialist offices for safety with 75 recognised experts. DMT maintains a quality management system in accordance with the requirements of DIN EN ISO 9001:2008. DMT is member of more than 25 national and international associations, committees and societies. The company has been involved in many related projects in the frame of risk assessment, mine safety, and training. DMT is member of the TÜV Nord Group.

About TÜV NORD Group:

“Making our world safer”. With over 10,000 employees, TÜV NORD GROUP is one of the largest technical service providers in Germany. It also operates in over 70 countries in Europe, Asia, Africa, and the Americas. The Group owes its leading market position to its competence

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TÜV NORD GROUP

Managing Company:
DMT Verwaltungsgesellschaft mbH, Essen
Amtsgericht Essen HRB 20420

Represented by its managing directors :
Dr. Maik Tiedemann (Chairman)
Jens-Peter Lux, Ulrich Pröpper



DIN EN ISO
9001
certified

DIN EN ISO
14001
certified

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and a broad range of advisory and testing services in the Mobility, Industrial Services, International, Natural Resources and Training and Human Resources fields.

The success story of TÜV NORD GROUP has its roots in the traditional boiler inspection associations founded by the industry, which in 1869 voluntarily undertook to begin monitoring and ensuring the operational safety of boilers. Gradually, the government gave the DÜV, later known as the TÜV (Technical Inspection Association) additional safety-related tasks.

DMT has excellent knowledge of the specific local conditions of the coal mine operations and geologic setting from its previous experience, discussions and meetings in Georgia. Therefore DMT will be able to commence work target-oriented and without any preceding scoping exercise.

DMT offers a H&S audit concentrating on the hazards considered to be vital:

- Review of operations, data gathering, discussion with the senior engineering and management staff at the mine;
- Review of geotechnical conditions and plans, review of support system;
- Review of rock burst prevention and monitoring;
- Review of ventilation and main gas management and monitoring;
- Assessment of the existing H&S system for mine operations to ascertain the root causes of main safety issues;
- Interview a representative cross-section of all mine personnel from top to bottom at all levels to ascertain reasons for accidents and incidents. From the findings, formulate and roll out a suitable H&S process.
- Recommendations and measurements (road map) on:
 - Introduce risk assessment as part of the plan do review intervene cycle
 - Hazard identification and risk assessment
 - Roadmap for improvement of the existing H&S system to the western standards
 - Recommendation on measurements to prevent rock bursts
 - Recommendation on actions to improve ventilation system and minimize methane ignition hazard
 - Comments on spontaneous combustion hazard and measures to control
 - Comments on improvement of roadway stability and support safety.

Cost for the described work will be approximately 60.000 EURO. Deliverables in 4-5 weeks. If you are interested in our services, we would be pleased to prepare a binding offer to you.

Yours sincerely
DMT GmbH & Co. KG