





GEOLOGICAL & METALLURGICAL LABORATORIES

A Division of IRClass Systems and Solutions Pvt. Ltd



NEW SERVICES

- Polymer Testing
- Calibration
- Testing of lube oil and hydraulic oil used in Material Handling Equipments

Geological and Metallurgical Laboratories (GML) was established in 1980 to serve mineral and metal-based industries on their quality control requirements.

Geological and Metallurgical Laboratories has presently operating with three main segments

- Chemical
- Mechanical
- Metallurgy

GML also focuses on civil, environmental testing, calibration, failure analysis and geological investigations

Product-oriented tests for complete characterization.





GML carries out tests according to National/ International standards and maintains a constantquality level in all the testing while continuously upgrading testing methods and facilities in order to meet the varied requirements of the customers.







CHEMICAL

GML mainly undertakes chemical analysis of ferrous and non ferrous alloys and materials such as minerals, ceramics, polymers, coal, water as per IS/ASTM standards. Chemical analysis is carried out by arc emission spectrometry, instruments such as C & S analyser, ONH analyser and wet conventional methods.

MECHANICAL

GML undertakes tensile, impact, bend and hardness tests (as per IS and ASTM standards) on as received raw materials. It also undertakes Dimensional Inspection of steel tubes, plates and welded wire mesh, Static load test in compression for helical compression springs and various tests on welds.

METALLURGY

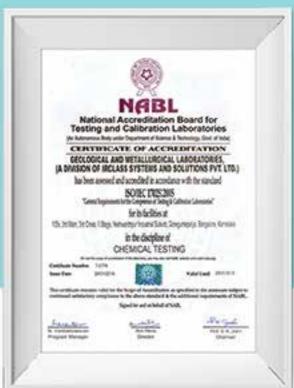
GML's engineers and technicians use their metallurgy expertise for macro structural studies of metallic materials, Grain flow studies, Evaluation of welds, Photo macrographs and provide accurate analyses and reports.

GML's has a strong clientele of more than 2000 customers which includes Public sector units, inspecting agencies, academic institutions, small, medium and large scale industries are among the various categories of customers utilizing the services of GML.



GML has approval from
Directorate General of
Aircraft Quality
Assurance (DGAQA)
since 1992, accreditation
from NABL since 2000,
approvals from NPCIL,
RITES, Naval
Inspectorate, other
inspecting agencies and
several MNCs.





GEOLOGICAL & METALLURGICAL LABORATORIES 105X • 3rd Main • 3rd Cross • II stage • Yeshwantpur Industrial Suburb • Goraguntepalya • Bangalore 560 002

Telephone: +91 80 23472020/ 23471065

Fax: +91 80 23471011 • Email: gmlab1980@gmail.com