



Materials Technology Group

Root Cause Failure Analysis · Equipment Condition Monitoring ·
Materials Selection · Equipment Fabrication Specifications ·
Quality Assurance in Fabrication · Corrosion, Wear & Mechanical
Properties Testing



The business objective of the Materials Technology Group at Xstrata Process Support is to improve the reliability of critical equipment through appropriate implementation of well proven materials engineering practices at essential stages of design, procurement and operation.

The group plays a key role in the effective selection of materials of construction for process equipment and the implementation of appropriate condition monitoring and repair procedures. It also provides materials engineering expertise in selection and testing of materials of construction, inspection of in service equipment and metallurgical failure analysis.

- Root cause failure investigations
- Equipment condition monitoring
- Materials selection
- Equipment fabrication specifications
- Quality assurance in fabrication
- Testing for corrosion, wear and mechanical properties

About Us...

Location: The group is based out of the Xstrata Process Support Centre located in the nickel mining centre of Sudbury, Ontario.

People: The team consists of a highly skilled workforce of 3 engineers and 1 technologist with extensive experience in mining and process plant equipment.

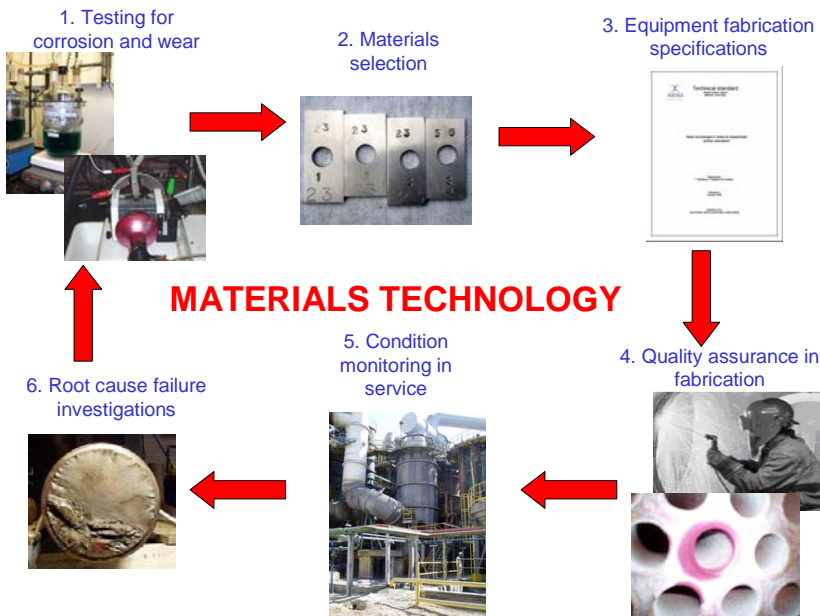
Equipment: Fully equipped materials lab ranging from microhardness testing to SEM / EDS analysis.

Contacts...

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