



# Equipment Condition Monitoring

Sulphuric acid plants · Nondestructive testing · Risk-based inspection



## Equipment Condition Monitoring...

The performance of critical process equipment is crucial to plant availability. Timely inspection of in-service equipment is a vital element in the prevention of premature and unexpected failures.

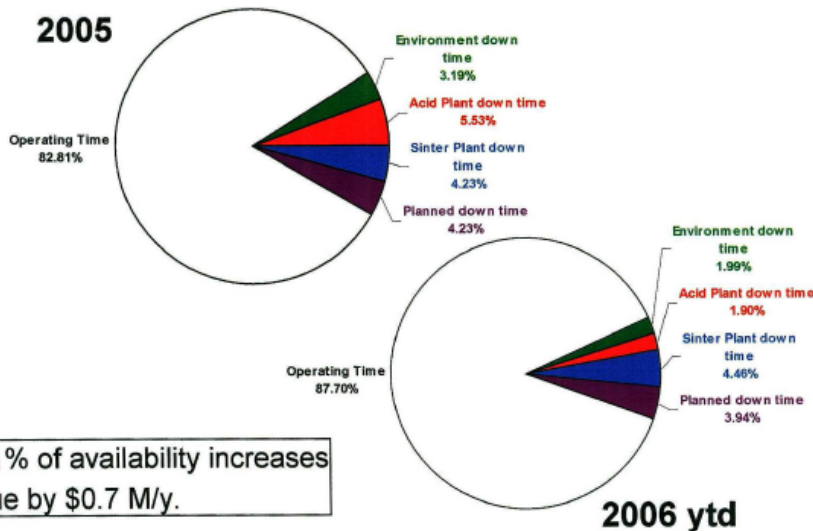
Our team has developed procedures and programs tailored to critical equipment and can expand these to a variety of needs. These include the appropriate nondestructive testing requirements and qualifications for inspection personnel.

Through inspection we can identify the common types of corrosion and associated problems as well as mechanical damage (such as cracking, distortion and wear). At one site, the initiation of acid plant inspections by Xstrata Materials Technology aided in the improvement of plant availability by 5% - a savings of nearly \$3.5 million.

## Sites Inspected...

- BM & S smelter acid plant & storage tanks, Belledune, New Brunswick
- Sudbury smelter acid plant & storage tanks, Falconbridge, Ontario
- Altonorte #2 acid plant & storage tanks, Antofagasta, Chile
- Altonorte #3 acid plant & storage tanks, Antofagasta, Chile
- Horne smelter acid plant & storage tanks, Rouyn-Noranda, QC
- Kidd Creek Zn acid plant & storage tanks, Timmins, Ontario
- Raglan concentrator, Northern Quebec
- Sudbury mines hoists, Sudbury, Ontario

## Revenue Enhancement – Improving Sinter/Acid Reliability



## Contact Us

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