

Evaluating the Structural Integrity of Industrial and Public Infrastructure

Using either specific solutions, technologies or total managed services MISTRAS evaluates the structural integrity of industrial and public infrastructure. MISTRAS can provide customers the ability to extend the useful life of their assets, improve capacity & profitability, comply with government safety and environmental regulations and enhance risk management operational decisions.

MISTRAS uniquely combine industry leading products and technologies – such as on-line structural monitoring of critical assets, rope access solutions, engineering services and advanced non-destructive testing (NDT) services to provide comprehensive and competitive products, systems and services solutions from a single source provider for bridge and infrastructure owners and managers.

MISTRAS can provide accurate information about structural condition, material properties, defects, and integrity that assists effective asset management, whole life costing and safety.

Rope Access Solutions

- ▶ Inspections
- ▶ Maintenance and painting
- ▶ Concrete repairs

NDT and Inspection Services

- ▶ PI, GI, SI on bridges/structures
- ▶ Ultrasonics
- ▶ Radiography
- ▶ MPI / Eddy Current
- ▶ Dye penetrant
- ▶ Material testing
- ▶ ROV surveys

Acoustic Emission Monitoring

- ▶ Wire break
- ▶ Steel fatigue assessment
- ▶ Concrete testing

Structural Monitoring

- ▶ Strain
- ▶ Displacement
- ▶ Rotation
- ▶ Temperature
- ▶ Weather stations
- ▶ Total Stations

