



Corrosion Management Services

EDM offers a variety of services designed to help a utility better manage its steel assets. These services encompass all aspects of corrosion management from inspection and assessment through maintenance and repair.

GIS Corrosion Mapping provides a valuable visual view of the utilities assets showing different hazard zones. The GIS corrosion map utilizes published soils data to identify corrosion risk.

Soil Investigation utilizes a variety of field measurements to evaluate the different factors that influence a soil's corrosivity:

- pH
- Resistivity
- Redox Potential
- Steel to Soil Potential (Half Cell)

NDE Inspection Techniques provide direct indications of the asset's condition.

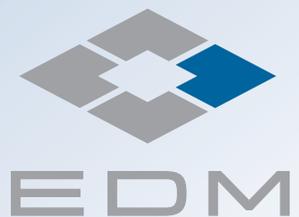
- Visual
- Thickness Measurements
- CGWT
- MsS

Cathodic Protection (CP) helps protect buried steel assets against corrosion.

- Design/Engineering
- Testing/Evaluation
- Installation

Steel Corrosion Mitigation & Repair

- Coating Evaluation
- Coating Specification Preparation/Review
- Member Repair or Reinforcement Design



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