

- ▶ Osmose can help you address the risks of aging steel T&D structures

Steel Pole & Tower Maintenance

Corrosion Investigation, Mitigation & Repair

Inspection

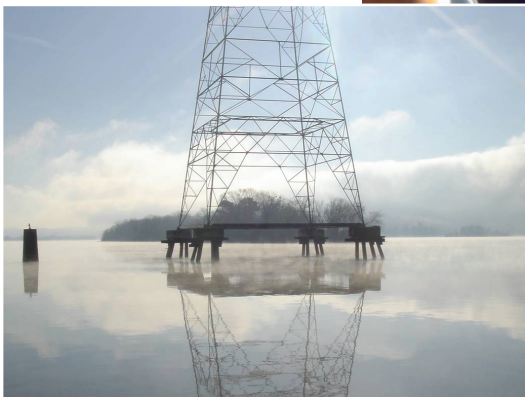
Osmose professional inspectors collect the key corrosion indicator data at each pole, tower or anchor to identify those needing corrective attention.

Corrosion Mitigation

Cathodic protection may be designed and installed to counter the identified corrosion risks. Protective coating applications may be indicated.

Corrosion Repairs:

- Tower leg and foundation repairs are designed for each situation – on land and in water.
- Steel pole repairs can be proposed and executed.
- Environmental measures taken for repairs in sensitive areas:
 - low-disturbance construction methods
 - containment systems



Asset Management for Your Aging T&D Steel Structures

Osmose provides inspection, maintenance and repair solutions for:

- Steel Towers
- Steel Poles
- Anchors
- Transformer Cabinets
- Concrete Foundations
- Concrete Poles

Predictive Corrosion Screening Process

- Direct and Indirect Measurement Techniques used to predict likelihood of corrosion and necessity of excavation and further evaluation.
- Corrosion types identified... impact of multiple corrosion cells evaluated.

Repairs, Coatings & Cathodic Protection

- Solutions are specified and installed.
- Structural and environmental analysis
- Estimate wall thickness and section loss
- Evaluate potential for future corrosion
- Recommend and execute solutions



Damaged Foundation



Repair in Progress



Repair Completed

Depend on Osmose to Help Protect Your Steel Assets

Osmose is active in IEEE, NACE, NESC, SSPC, ASCE, DOT/OPS

- Steel Tower Inspection, Maintenance & Repair
- Steel Pole Inspection, Maintenance & Repair
- Street Light Inspection, Maintenance & Repair
- Anchor Inspection, Maintenance & Repair
- Padmount Transformer Inspection, Maintenance & Repair
- Guying and Grounding Inspection, Maintenance & Repair

