



Padmount Maintenance

Aged, corroded, and severely weathered padmount transformers can contribute to outages, safety hazards, and customer complaints. The majority of America's underground distribution systems are more than 30 years old.

Osmose has provided inspection, maintenance, and restoration services to utility companies throughout the United States for more than 80 years. Our padmount transformer inspection and maintenance programs are supported by the company's commitment to safety, training, project management, and effective applications of technology.

Osmose crews are trained and certified to safely inspect padmount transformers, to identify potentially troublesome conditions, and record accurate inventory information. Debris, insects, and pests are removed to help reduce the possibility of electrical failure. Pesticides can be placed inside the cabinet to help prevent their return.

Laser-guided infrared can be used to detect elevated temperatures on critical transformer components, such as primary elbow connections. Padmount transformers that are not level can overheat and fail. Osmose crews can correct this condition by leveling the pad and back-filling with materials specifically formulated for this task.



AN EFFECTIVE INSPECTION & MAINTENANCE PROGRAM

Osmose inspection and maintenance techniques can help improve the safety, reliability, and appearance of padmount transformers and cabinets, adding years to their useful service life.

Exterior Inspection

- ✓ Site clearing
- ✓ Evaluation of pad condition
- ✓ Cabinet leveling
- ✓ Cabinet repair
- ✓ Replacement of security lock
- ✓ Replacement of penta bolt
- ✓ Painting
- ✓ Tag and decal replacement



The cabinet pictured right was inspected and rehabilitated by Osmose. The result is a safer, more reliable asset. The coating system used by Osmose incorporates a rust-converting primer to help prevent further corrosion. The top coat is specifically designed to protect the cabinet from harsh environmental conditions. Reconditioning the cabinet through repair, painting, and replacement of warning signs can help to maintain cabinet integrity and also satisfies the demand for visually appealing equipment in residential locations.



Interior Inspection

- ✓ Cleaning and removal of debris, insects, and animals
- ✓ Pesticide application
- ✓ Tag and label replacement
- ✓ Infrared inspection
- ✓ Grounding assessment

Contact your local Osmose representative or:

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