

**PRESERVE YOUR INVESTMENT**  
with services from ...



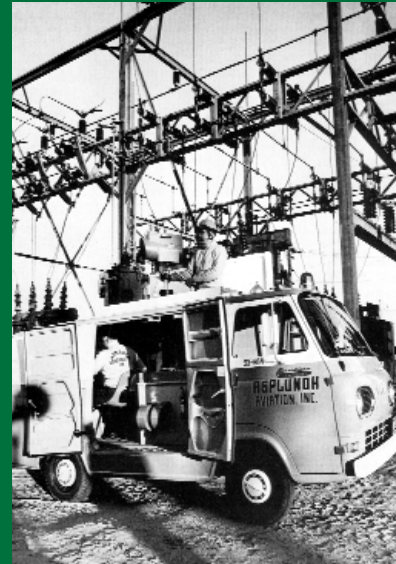
**1-800-248-8733**  
**www.utiliconltd.com**

# Innovative Services Since 1958

With the post-WWII boom in electric line construction, utilities needed ways to protect their investment in wood poles. Since 1958, we have helped the electric utility industry protect their valuable assets with wood pole inspection, maintenance and restoration services.

In 1967, we pioneered infrared inspection services, becoming the first company to apply this technology exclusively on electric distribution and transmission systems.

Today, UPT stays current with advances in inspection techniques and treatment options through our involvement in the American Wood Protection Association and the Oregon State University Utility Pole Cooperative.



## Utility Pole Services

An effective wood pole inspection and maintenance program increases reliability, employee and public safety and extends the service life of wood poles. A systematic inspection and maintenance program pays for itself and significantly reduces operating costs.



### Inspection and Treatment

A visual inspection targets the upper portion of the pole, focusing on areas such as crossarms, insulators, ground wires, hardware and woodpecker damage. Older poles are typically checked for internal decay, and if selected for treatment, excavated to a minimum depth of 18" below ground level.

Test borings are then made to determine if any decay is present. Poles that have decay are compared to the National Electric Safety Code (NESC) specifications. Poles that pass are then treated with an external preservative.

### Pole Reinforcement

UPT offers pole restoration services performed by specialized crews who use a variety of established industry methods. The life of a pole that has fallen below the NESC standards can be significantly extended with the addition of galvanized steel trusses or a fiberglass shell.

Substantial savings can be realized when comparing a restoration approach to pole replacements.



### Internal Treatment

Internal treatments are used to combat fungus and insect infestations. Poles are internally treated with liquid preservatives and insecticides, depending upon the type of infestation.

# Storm Assessment

When a storm situation arises, your highest priority is to get the power back on for your customers quickly and safely. That's where UPT's storm assessment services come into play. Day or night, UPT can quickly deploy trained storm damage assessors to follow lines and identify circuit conditions and locations where special crews or equipment may be required to repair damage and restore power.

A quick response to a storm disaster is most successful if you take time to plan ahead. Our local UPT representative will gladly meet with you to discuss emergency procedures and answer any questions you might have in order to avoid confusion in the midst of a storm situation. Let UPT's experience and resources make your restoration process as painless as possible.



# Infrared & Equipment Inspections

UPT's Infrared and Visual Inspections are a cost-effective way to prevent expensive emergency repairs and avoid unplanned service outages. Electric components have a tendency to heat up as their physical condition worsens. Thermographic equipment, either mounted on a vehicle or helicopter, or hand-operated by one of our experienced technicians, can detect this overheating. Visual inspections help identify broken, damaged and unsafe equipment. When potential failure points are identified on a circuit, UPT provides a digital image and electronic report to the utility so that repairs can be made, thus avoiding a costly and untimely outage and improving customer satisfaction and service reliability.

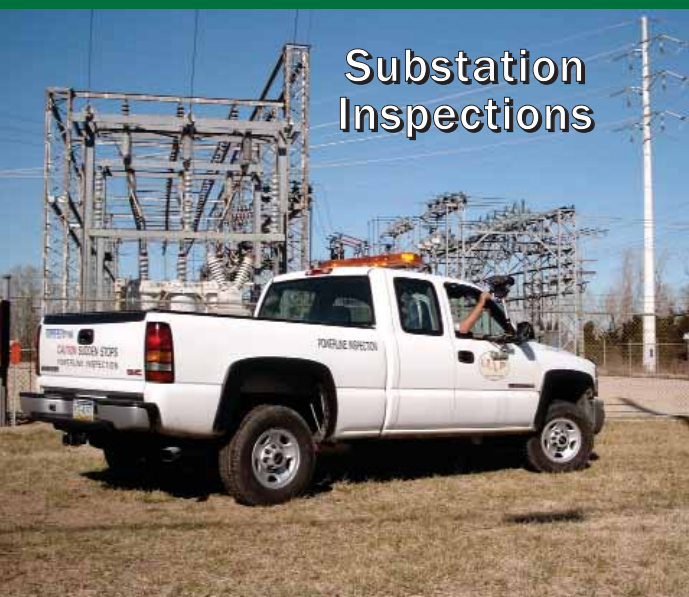
## We Inspect:

- **Overhead T&D Lines** (Ground and Helicopter)
- **Substations**
- **Underground Vaults and Padmounted Equipment**

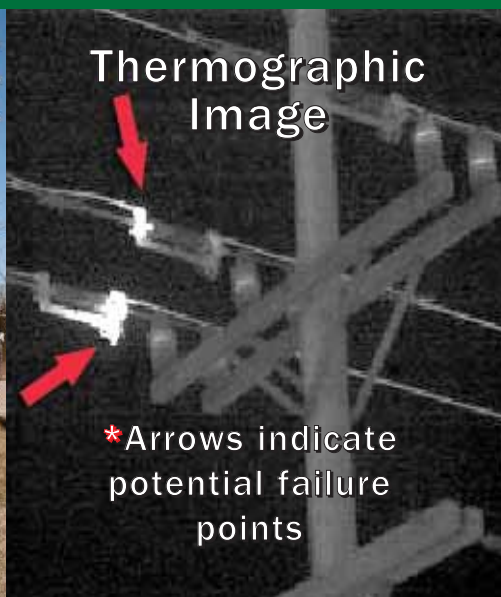
Photo of Overhead Lines



Substation Inspections



Thermographic Image



\*Arrows indicate potential failure points



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*Utility Pole Technologies is a leading provider of quality inspection, treatment and reinforcement services. Contact us to see how our experience will help you improve system reliability, reduce operating costs, increase system safety and extend the life of your system assets.*

## **Don't Forget Our Value-Added Services:**

Attachment Survey / Pole Inventory  
Customized Reports Tailored to **YOUR** needs  
GIS Database  
GPS Coordinates  
Ground Rod Installation  
Ground Wire Repair  
Guy Guard Installation  
Padmount Inspection  
Pole Load and Pole Strength Calculations  
Resistance Meggering  
Stenciling

**Our utility pole service and infrared inspection specialists are ready to serve you! Call today to preserve your investment!**

### **Utility Pole Services**

Phone: 1-800-248-8733, ext. 4248

E-mail: [polemaintenance@utiliconltd.com](mailto:polemaintenance@utiliconltd.com)

### **Infrared & Equipment Inspections**

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