UTILITY POLE INSPECTIONS WITH RESISTOGRAPH TECHNOLOGY

TECHNOLOGY AT WORK

Pole testing with the Resistograph System is revolutionizing the utility pole inspection industry. The Resistograph System uses a microbit to measure the resistance of the wood. It is used for detecting and measuring cracks, voids, cavities, and decay inside a utility pole.

The instrument is positioned at the pole´s base to measure wood decay at ground level and can measure the wood density below ground level without compromising the integrity of the pole. With the Resistograph System poles set in concrete and asphalt can be tested below ground without excavation.

The Resistograph System provides an analysis of the current condition of the utility pole and allows one to evaluate the results of the inspection quickly and easily.

With better information regarding the condition of poles, more educated decisions can be made regarding treatment and replacement options. With this technology, there is an opportunity for maintenance cost to be reduced by not replacing poles that still have useful life.

ENFIELD SERVICES

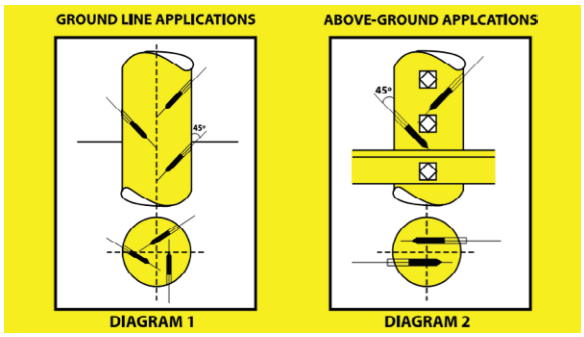
ENTRUST SOLUTIONS GROUP

SERVICES

- Field pictures
- GPS
- Pole treatment
- Pole numbering
- Ground wire replacement
- Joint use data
- Visual inspection
- Inspection with resistograph technology

Internal Treatments

Impel® Rods are a safe, EPA approved decay protection and prevention system for wood poles. They are placed into holes drilled into wood poles at critical locations where control of decay is required.



External Treatment

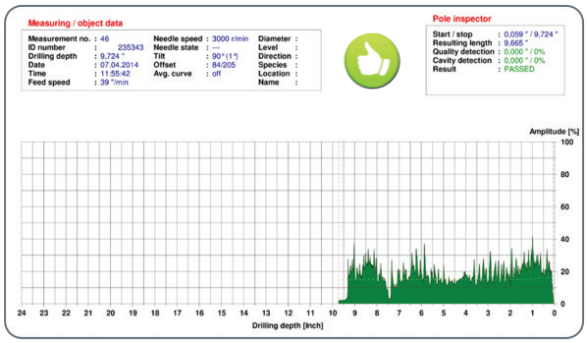
Genics Cobra™ Wraps are EPA approved and help to prevent and stop decay in wood poles at the groundline. Cobra Wrap exceeds all competitive treatment products in its eco-sensitive treatment of the environment.

DATA YOU CAN SEE

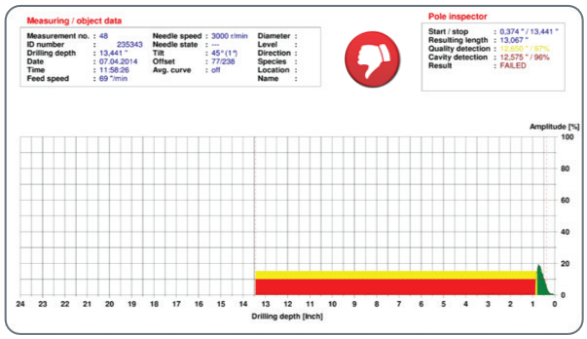
Each drilling is converted into graph form giving you an internal view of the pole.

Due to the detail of information gathered using Resistograph inspection, poles which may be identified for replacement using traditional inspection methods may have extended useful life with treatment.

Example of a pole that PASSED inspection:



Example of a pole that FAILED inspection:



Example of pole whose life can be extended with treatment: