

Facts on CCA-treated poles

What makes Wolmanized® CCA treated poles better?

An independent life cycle assessment confirmed that CCA utility poles use less energy and resources, have a reduced environmental impact, and offset fossil fuel use, when compared to concrete, steel and fiber-reinforced composite utility poles.

For more information see the report at WolmanizedWoodhd.com/poles.

The CCA treatment gives wood long-term resistance to termites and decay, thus reducing demands on forest and transportation resources.

The original test stakes installed in 1934 by U.S. Forest Service in Mississippi have still shown no signs of failure.

CCA treatment does not affect wood's natural low conductivity nor significantly affect strength.

CCA poles are non-oily, non-staining, and have no fumes.

CCA bonds to wood fiber enabling the wood to last for decades.

Since the preservative is fixed in the pole, there is no need for future groundline treatment.

Wolmanized® CCA poles offer a 50-year limited replacement warranty, without requiring remedial treatments.

CCA poles can be reused without re-treatment.

With ET® oil emulsion ...

- CCA ET® treatment reduces the concerns about climbability by providing an oil emulsion in the outer shell of the pole.
- CCA ET® treated poles have been in service for more than two decades and are still judged one of the easiest poles to climb.
- CCA ET® solution was the first enhancement for improved climbing to be RUS-approved.
- Millions of ET® poles in service worldwide since 1988.
- The ET® solution can be readily analyzed at the treating plant.
- ET® solution is available in clear and brown.
- There is no need to rotate ET® poles during storage because of the emulsion's high viscosity.

The elements that compose CCA — copper, chromium, and arsenic — are naturally occurring elements found in soil, food, and our own bodies.

There have been no documented cases of adverse health effects associated with exposures to Wolmanized® CCA-treated utility poles for worker or residents.

Wolmanized® CCA poles are produced by the leading pole treaters in North America.



For more details visit
www.wolmanizedwood.com

Available Information

Provided by Lonza Wood Protection

- *The CCA Pole*
- *Technical Data CD*
- *Risk Assessment*
- *Life Cycle Assessment*

Produced by the North American Wood Pole Council and available through Lonza Wood Protection

- *Hardening of Utility Lines*
- *The Wood Pole 2005: Design Considerations, Service Benefits and Economic Rewards*
- *Greenhouse Gases, an Examination of Wooden Utility Poles*
- *Raptor Electrocutions and Distribution Pole Types*
- *PressureTreated Wooden Utility Poles and our Environment*
- *Case History of a Pole Purchase: Brunswick EMC's Oak Island Distribution Line*
- *Service Life of Wood Poles*

Wolmanized®
HEAVY DUTY™
WOOD

Effective & safe with a 75-year history that proves it