



RAILROAD TREATED TIMBER PRODUCTS

Timber Bridge Projects Requiring
Fabrication Are Our Specialty!



Fabrication:

- Tapered bridge ties
- 4-sided planing up to 16"x16" to 50' long
- 4' band saw
- Incising
- Dapping and drilling
- Multiple angled cuts on heavy timber

Engineering:

- Timber structure design
- Plan generation and shop drawings
- Timber Bridge Packages including hardware



Facilities:

- Computerized high-speed treating plant
- Shipping by truck or rail
- TSO services available

Wheeler supplies treated West Coast Douglas Fir timbers and Southern Yellow Pine piles to the railroad industry from our treating facility located in the Black Hills of South Dakota. Copper Naphthenate is AWPA and AREMA approved for treating crossties, switch ties, timbers, lumber and piling for railroad use under AWPA U-1-05, section 6, commodity specifications 6A, 6C, 6E, and AREMA Chapter 30, section 3.7.4.



- Oil-borne preservative
- Proven effective
- Cleaner handling characteristics
- Minimal leaching and drippage
- Non-corrosive to hardware
- Not brittle or hard
- Similar amount of oil in wood as other oil preservatives

Cu Nap
COPPER NAPHTHENATE
WOOD PRESERVATIVE

Wheeler



RAILROAD TREATED TIMBER PRODUCTS

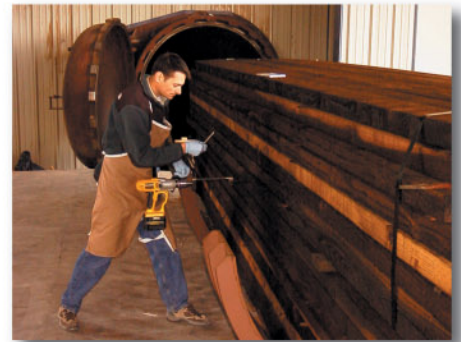
Quality control is number one at Wheeler. All of our products are analyzed per strict guidelines set forth by the American Wood Preserver's Association. Every charge is bored, cores taken, and analyzed electronically to be sure it's treated properly. Every charge is documented, input into the Treating Report, and saved for future reference. All program material is certified through the American Lumber Standards Committee and overseen by Timber Product Inspection. TPI inspects our Quality Control every 30 days to ensure our product and Quality Control Procedures meet their stringent requirements. Only after passing all these requirements can a product be certified and tagged with the third party logo of TPI.



Sample Analysis



AWPA C-14 CuNap .075



Core Samples Taken



Pueblo, Colorado Test Track

CuNap COPPER NAPHTHENATE WOOD PRESERVATIVE

- AREA study showed Copper Naphthenate comparable to Creosote in decay ratings.
- Copper Naphthenate crosstie performance on NS Line in Pennsylvania shows Copper Naphthenate performing as well as Creosote. (See "Technical Articles" page on our website)
- TTCI study at FAST track in Pueblo currently in progress.
- ISO 9000 manufactured preservative.



Pueblo, Colorado Test Track



Southern Yellow Pine Piling



Douglas Fir Bridge Stringers

Wheeler Lumber, LLC

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