



NOTES:

1. MATERIAL AND WORKMANSHIP TO BE IN ACCORDANCE WITH CURRENT AREMA MANUAL REQUIREMENTS FOR HIGH CARBON STEEL TRACK SPIKES WITHOUT COPPER.
2. PERMISSIBLE SHANK STRAIGHTNESS VARIATION, MEASURED IN EITHER PLANE, SHALL NOT EXCEED 0.0313".
3. MANUFACTURER'S I.D. AND THE LETTERS "HC" SHALL BE PRESSED ON THE HEAD OF EACH SPIKE WHILE BEING FORMED.
4. WEIGHT = APPROXIMATELY 0.875 LBS. EACH.



UNION PACIFIC RAILROAD
Office of Chief Engineer Design

INDUSTRY STANDARDS

**CUT SPIKE FOR
WOOD TIES**

ADOPTED: DEC. 30, 1996
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EXHIBIT

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