

block shall be placed on the top of the load, which block will be afterwards split, and the penetration ascertained by the Inspector. The block should be  $3\frac{1}{2}$  feet long by 12 inches in diameter, and as near as possible of the same degree of seasoning and texture as the piles forming the charge. The piles, creosote and treatment shall be subject to close inspection at the works and before shipment, and the whole of the materials and workmanship must be to the entire satisfaction of the Inspector. A chemical analysis of the oil must be furnished if requested.

PUBLICATIONS CONSULTED IN THE PREPARATION OF THIS PAPER.

"American Woods," by R. B. Hough, 1890

"Forest Wealth of Canada," by Geo. Johnson, 1895.

"Antiseptic Treatment of Timber," by J. S. Boulton, 1884.

"Report of Committee of Am. Soc. C. E.," 1885.

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