

911-M-074 WOOD MATERIALS

(Adopted 11-19-25)

The Standard Specifications are revised as follows:

SECTION 701, BEGIN LINE 804, DELETE AND INSERT AS FOLLOWS:

701.13 Cut-Off Lengths

The tops of all steel pile shall be cut off at the elevation shown on the plans. All unused cut-off lengths shall become the property of the Contractor and shall be removed from the project site.

The length of timber pile above the elevation of cut-off shall be sufficient to enable the complete removal of all material injured by driving. Immediately after making final cut-off on treated timber foundation piles, the cut area shall be treated with copper naphthenate *or any other wood preservative pesticide* in accordance with AWPA Standard M4.

Timber piling supporting timber structures where the piles are cut off, but not concrete capped, shall be treated with copper naphthenate *or any other wood preservative pesticide* in accordance with AWPA Standard M4. ~~A layer of saturated building felt or fiberglass cloth which overlaps the side of the pile at least 2 in. shall be securely fastened and completely covered with 20 gauge thick galvanized metal or aluminum sheeting. All cuts, injuries, and holes, which occur from removal of nails or spikes that penetrate the treating zone as well as bolt holes for connections, shall be treated by applying coal tar roof cement in accordance with ASTM D5643.~~

SECTION 712, BEGIN LINE 61, INSERT AS FOLLOWS:

All cuts in treated piles or timber, all abrasions, after having been trimmed, and all holes for bolts or other appurtenances shall be field-treated with copper naphthenate *or any other wood preservative pesticide* in accordance with AWPA Standard M4. Insofar as practicable, cutting, framing, and boring of timber to be treated, except pile cut-offs, shall be done before treatment.

SECTION 712, BEGIN LINE 95, INSERT AS FOLLOWS:

712.04 Caps

Timber caps shall have an even and uniform bearing over the tops of supporting posts or piles and shall have their ends evenly aligned. All caps shall be secured by drift bolts of no less than 3/4 in. in diameter extending at least 9 in. into the approximate center of posts or piles. Pile heads, after being cut to receive the caps and prior to placing the caps, shall be treated with copper naphthenate *or any other wood preservative pesticide* in accordance with AWPA Standard M4 to prevent decay.

SECTION 911, BEGIN LINE 110, INSERT AS FOLLOWS:

911.02 Treated Lumber

(a) General

Treated lumber shall be preservative-treated by pressure processes in accordance with AWPA standards T1 and U1 or AASHTO M 133. Other AWPA standards applying to specific items are set out in 911.02(b), 911.02(c), 911.02(e), 911.02(f), and 911.02(g).

Lumber to be treated shall be in accordance with 911.01, except as modified in 911.02(b), 911.02(c), and 911.02(e). The lumber may be inspected at the treating plant. Preservatives shall be in accordance with 911.02(h). Wherever ammoniacal or alkaline copper quat azole or wherever copper preservative is utilized, only stainless steel or hot-dipped galvanized fasteners and hardware shall be used. Galvanizing for fasteners shall be in accordance with ASTM A153. Galvanizing for hardware shall be in accordance with ASTM A653, coating designation G185. Fasteners and hardware in contact with one another shall be of the same base material and coating if applicable, and shall be used consistently throughout the treated wood article or structure.

SECTION 911, BEGIN LINE 257, DELETE AND INSERT AS FOLLOWS:

j. Penetration

The penetration requirements shall be in accordance with AWPA Standard T1, *Commodity Specification B*, table B6, *for round, half-round, and quarter-round posts. For sawn posts, including guardrail posts and blocks, assay zones and penetration requirements shall be in accordance with AWPA Standard T1, Commodity Specification A, tables 11 and 12.*

k. Inspection After Treatment

Following treatment, the charge shall be physically inspected in accordance with AWPA Standard M2, section 4. All treated material shall bear the quality mark of ~~the~~*an* ALSC-accredited inspection agency. All inspections shall be completed at no cost to the Department.

All non-compliant material shall be removed from the remaining acceptable material before shipment.

SECTION 911, BEGIN LINE 295, INSERT AS FOLLOWS:

4. Field Treatment of Posts and Blockouts

Cuts, holes, or injuries to the surface of posts and blockouts which occur after pressure treatment shall be field treated with copper naphthenate *or any other wood preservative pesticide* in accordance with AWPA Standard M4.

SECTION 911, BEGIN LINE 326, INSERT AS FOLLOWS:

(g) Recreational Applications

Lumber and timber that will be used in facilities where human contact will occur, such as handrails, pedestrian facilities including decking and picnic tables, shall be treated in accordance with AWPA standards U1 or UC4A, or AASHTO M 133. *All treated lumber and timber shall bear the quality mark of an ALSC-accredited inspection agency, or be certified for treatment by such an agency.*

A Type C certification in accordance with 916 shall be provided for the lumber/timber.