
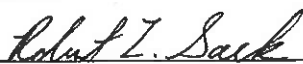


To: <p style="text-align: center;">SUPERSEDED BY <u>EB 06-057</u> EFFECTIVE <u>5/3/07</u></p>		<p style="text-align: center;"><i>New York State Department of Transportation</i> ENGINEERING INSTRUCTION</p>	<p style="text-align: center;">EI 03-035</p>
Title: REVISED STANDARD SPECIFICATIONS, WOOD PRESERVATIVE-WATERBORNE, SECTION 708-31			
Distribution: <input checked="" type="checkbox"/> Manufacturers (18) <input type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Main Office (30) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Contractors (39) <input checked="" type="checkbox"/> Regions/Agencies (32) <input type="checkbox"/> _____ ()	Approved: <div style="text-align: center;">  <u>Robert L. Sack, Deputy Chief Engineer,</u> Technical Services Division </div> <div style="text-align: right;"> <u>6-Oct-03</u> Date </div>		

ADMINISTRATIVE INFORMATION:

- This Engineering Instruction (EI) is effective with projects submitted for the letting of May 6, 2004.
- This EI does not supersede any previous issuances.
- Material transmitted by this EI will reside in NYSDOT Standard Specifications.

PURPOSE: The purpose of this EI is to transmit revisions to Standard Specification 708-31 Wood Preservative – Waterborne.

TECHNICAL INFORMATION:

- Due to health concerns and upcoming restrictions on the use of Chromated Copper Arsenate (CCA) as a wood preservative, lumber treated with CCA cannot be used in locations where repeated direct human skin contact with treated wood is expected.
- The following types of wood preservatives have been added to the Standard Specification as alternatives to CCA:
 Alkaline Copper Quaternary (ACQ)
 Copper Azole

IMPLEMENTATION:

- DQAB will insert the transmitted shelf note into proposals calling for items with wood preservatives-waterborne.
- Ongoing construction projects may use wood treated with the preservatives included in the revised specification immediately. Ongoing projects should avoid using wood treated with CCA, if the wood will be in an area where repeated (as opposed to incidental) human skin contact is expected. A copy of this EI shall be made part of the project records in accordance with the Department's Contract Administration Manual (CAM) Section 104-03 I. 4. No order-on-contract is required. No change in unit price for any items will be allowed.

TRANSMITTED MATERIALS: Revised Standard Specification 708-31 Wood Preservative – Waterborne

BACKGROUND: The U.S. Environmental Protection Agency and the wood preservative industry have agreed that most nonindustrial uses of Chromated Copper Arsenate (CCA) treated lumber will cease as of December 31, 2003. CCA treated lumber may only be used for marine and industrial purposes after this date. Wood products treated with CCA or any other preservatives containing arsenic may not be used on NYSDOT-constructed noise walls, decks, benches, stairways, boardwalks, ramps, handrails, picnic tables, landscape timbers, fences, play structures or any other structure intended for more than occasional human contact.

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CONTACT:

Direct any questions concerning this specification to the General Engineering Section of the Materials Bureau at (518) 457-4285.

Make the following changes to the Standard Specifications of January 2, 2002:

Volume 3 of 3, Page 7-94, **Delete** Section 708-31 and **Replace** with the following:

708-31 WOOD PRESERVATIVE - WATERBORNE

SCOPE. These specifications cover waterborne wood preservatives used in the treatment of piles, timber, and lumber.

MATERIAL REQUIREMENTS. Waterborne wood preservatives shall be Alkaline Copper Quarternary (ACQ), Copper Azol, Ammoniacal Copper Arsenite (ACA) or Chromated Copper Arsenate (CCA) conforming to the requirements of American Wood-Preservers' Association Standard P5.

Waterborne wood preservatives shall be applied in conformance with American Wood Preservers' Association Standards C1, C2, C3, C4, C5, C14 and C18. Minimum net retention shall be as required for material in contact with soil.

BASIS OF ACCEPTANCE. Acceptance of this material shall be in accordance with procedural directives of the Department.