

COOLING TECHNOLOGY INSTITUTE

PRICE LIST Publications



Publications List

A complete set of these Standard Specifications and Research Reports in a 3-ring vinyl binder with "Cooling Technology Institute Publications" lettered on it may be purchased for \$628 plus postage/handling in the U.S.A. For those who already have some or all of these publications, the binder may be purchased for \$15 post-paid. Prepayment is requested on orders of less than \$30. There is a 20% discount to Members. Quantity prices quoted upon request. Prices do not include postage.

Legend Used for Prefixes:

STD	Standard	PTB	P&T Committee Bulletin
ATC	Test Code	PTG	P&T Committee Guideline
BUL	General Bulletin	WTB	Water Treating Committee Bulletin
ESB	ES&M Committee Bulletin	WTG	Water Treating Committee Guideline
ESG	ES&M Committee Guideline	ADM	Administrative

CTI Code Tower Standard Specifications

STD-103 Redwood Lumber Specifications\$8.00

CTI Grades of Redwood Lumber; allowable grades and grading rules for redwood used in industrial towers and Framework Design Data: allowable design stresses (wet operating weight) nominal and dressed dimensions, wind loading and weight calculations. *Revised February 2007*

ESB-104 Wood Maintenance\$12.00

This is a report of 10 years field study of operating towers and eight preservative treatments. Discuss types of deterioration and means of prevention through water treating and preservative treatments. Tables and graphs of field study data, photographs of typical types of deterioration. *Reviewed February 2007*

ATC-105 Acceptance Test Code.....\$75.00

Part I - Test Procedure: methods and instrumentation for testing mechanical draft and natural draft cooling towers.

Part II - Evaluation of results: method for evaluation of the performance of mechanical draft cooling towers using both characteristic curves and performance curves; natural draft and natural draft-fan assisted cooling towers using characteristic curves and performance curves. The results are expressed in terms of water cooling capacity.

Part III - Appendix: example evaluation of mechanical draft cooling tower, natural draft cooling tower, and fan-assist cooling tower using either characteristic curve method or performance curve method; calculation of KaVL; enthalpy tables; facsimiles of ATC-106 Test Forms. *Revised February 2000*

ATC-105S Acceptance Test Code.....\$25.00 for Closed Circuit Cooling Towers

This code is similar to the open circuit tower in both form and function except for the fluid circuits. *Revised July 1996*

ATC-106..... Acceptance Test Code.....\$25.00 for Mechanical Draft Evaporative Vapor Condensers

This code specifies the procedures, apparatus, and instrumentation to be used for testing and evaluating the performance of evaporatively cooled, mechanical draft, vapor condensers. *July 2004*

BUL-109 Nomenclature for Industrial\$8.00 Water Cooling Towers

Recommended terms and definitions for use in describing tower components, designs and performance; includes abbreviations and letter symbols. *Revised February 1997*

PTB-110 Recirculation\$8.00

This is a summary of 7 years field study, and gives a procedure to determine maximum recirculation to be expected for any given operating condition; also recommendations for tower orientation to minimize recirculation. *June 1977*

STD-111 Gear Speed Reducers\$10.00

This standard sets forth rating practice and operating considerations for gear speed reducers used with propeller type fans on industrial water cooling towers. *Revised February 2009*

STD-112 Pressure Preservative Treatment\$10.00 of Dimensional Lumber

This standard sets forth the minimum retentions and penetrations to be obtained, and the physical condition of the lumber when pressure treating industrial water-cooling tower lumber. *Revised February 2009*

STD-114 Design of Cooling Towers with\$10.00 Douglas Fir Lumber

Grades of Douglas Fir Lumber: recommended stress and non-framework grades and grading rules in application of WCLA grades and Design Data: allowable design stresses (wet operating weight), minimum requirements for non-framework members; nominal and dressed dimensions, wind loading and weight calculations. *Revised February 2007*

PTG-116 Recommended Recirculation.....\$8.00 Allowances

Application of average recirculation to wet bulb temperature to obtain design inlet wet bulb temperature corrected for recirculation. *April 1959*

ESB-117 Recommendations for Maximum.....\$8.00 Life of Cooling Tower Lumber

Summary of results, Cooling Tower Institute field study on wood maintenance. Includes recommendations for water and lumber treatment. *Revised February 2007*

Bid Form

PTG-118 SF/FA (Factory Assembled)\$5.00

PTG-118 SF/FE (Field Erected)\$5.00

The inquiry and Bid Form is used to show minimum information that is necessary to include inquiries and to show all pertinent data on the requested bids. Cooling tower purchasers use this form with their inquiries by filling out all the information marked with an asterisk (*). Manufacturers then return their bids on this form. This assures the purchaser of receiving adequate information on all bids. It also facilitates the comparison of bids by furnishing the same information in the same place on all bids. Further, it establishes uniform units for the various data. *July 1993*

STD-119 Timber Connection Specification\$8.00

This standard sets forth in detail the recommended material and manufacturing limitations, design requirements and allowable loads for commonly used timber fasteners employed in the construction of industrial cooling towers. *Revised February 2007*

ESG-120 Lightning Protection System Guideline . \$10.00

This guideline sets forth recommended design criteria, components, and the specifications for traditional lightning protection systems installed on water-cooling towers. *March 2009*

ESG-121 Construction Safety and Health.....\$10.00 Guidelines

The purpose of this document is to serve as a safety and health guideline for various cooling tower procedures that are routinely performed on job sites. The information provided is based on OSHA



Documents

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