

STD- 202 Standard for Publication of Custom Cooling Tower Thermal Performance Test Results

1.0 BACKGROUND

Every year the CTI Multi-Agency Testing Chair provides a review of the previous year's custom tower test results. Such reviews have shown that more than half of the custom cooling tower acceptance tests are at less than 100% thermal capacity. CTI has developed this Standard to encourage custom tower capacity equal to or greater than 100%. It is CTI's intent to foster and promote the benefits of thermal performance acceptance testing of water cooling towers to the owner/operator of the equipment. It is not a certification program like that governed by CTI STD-201. The success of this program depends on a high percentage of custom cooling towers being field tested for thermal performance and the results published in accordance with this Standard. CTI will take action under the provisions of this Standard against participating manufacturers who imply that participation in this program is certification of the performance of their products, or against participating manufacturers who otherwise discourage testing of their products.

2.0 PURPOSE

This Standard sets forth a voluntary program wherein CTI will publish measurements of the thermal performance test history of participating tower manufacturers (PM) by utilizing field-testing of custom cooling towers within its licensed thermal testing program.

The results for each participating manufacturer are published in this summary. Manufacturers are required to have an average of at least 3 tests in a flow band per year for their results for that band to be published. If there is not a number for a category, for example no tests reported below 95% capacity, then N.A. is shown in the table. If there are less than 3 tests in a category, N.A. will also be shown for that category.

The results reflect one year of testing for this first year of the program. Next year the results will reflect 2 years of testing. The third year and thereafter, the results will reflect the last 3 years of testing.

Cooling Technology Institute Test Results



PM	EvapTech	
	6/11/13	10/31/13
Item Number	Flow Band I	Flow Band II
% ≥ 100%	100	100
% ≥ 95%	100	100
AVG of test results <95%	N.A.	N.A.

PM	Composite Cooling Solutions, LP	
	6/11/13	10/31/13
Item Number	Flow Band I	Flow Band II
% ≥ 100%	N.A.	N.A.
% ≥ 95%	N.A.	N.A.
AVG of test results <95%	N.A.	N.A.

PM	SPX Cooling Technologies	
	6/11/13	10/31/13
Item Number	Flow Band I	Flow Band II
% ≥ 100%	100	67
% ≥ 95%	100	100
AVG of test results <95%	N.A.	N.A.