



COOLING TECHNOLOGY INSTITUTE

P. O. Box 681807, Houston, Texas 77268 • 3845 Cypress Creek Parkway, Ste 420, Houston, Texas 77068
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February 15, 2024
(Revision 0)

Liang Chi Industry Company, Ltd.
No. 1, Sec. 3, Nan King East Road
Taipei, Taiwan, R.O.C.

Subject: CTI Cooling Tower Certification
Liang Chi Industry Company, Ltd.
TSC Line of Counter-flow Cooling Towers

Greetings:

The Liang Chi Industry Company, Ltd. TSC line of induced-draft, counter-flow, cooling towers, as described in your original application and subsequent revisions and clarifications through September 25, 2023, has satisfactorily fulfilled the requirements for certification of thermal performance by the Cooling Technology Institute (CTI), as set forth in the CTI Certification Standard STD-201(21). A listing of the seventeen (17) primary models included in the CTI Certified TSC line is attached for reference.

The TSC line of counter-flow cooling towers has been assigned and should begin to use CTI Certification Validation Number C20L-24R00. You are hereby authorized and encouraged to display the CTI Certification Logo in all pertinent literature and are required to affix the CTI Certification Label on all towers comprising the line, as provided in the Certification Standard.

This CTI Certification requires the successful completion of a CTI Annual Reverification Test to remain in effect in subsequent years.

Very truly yours,

Michael G. Womack, PE
CTI Thermal Certification Administrator



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Liang Chi Industry Company, Ltd.
TSC Line of CTI Certified Counter-flow Cooling Towers
CTI Certification Validation Number C20L-24R00
February 15, 2024 (Revision 0)

TSC-80

TSC-100

TSC-125

TSC-150

TSC-175

TSC-200

TSC-225

TSC-250

TSC-300

TSC-350

TSC-400

TSC-450

TSC-500

TSC-600

TSC-700

TSC-800

TSC-900

See Footnotes, Next Page



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Footnotes:

1. Multiple-cell models of the single-cell models above are also available but not listed.
Air inlet height increases for multiple-cell models and a derating of cell capacity will apply for multiple-cell models as follows:
For cells with three air inlet sides, a 3% derating of cell capacity will apply.
For cells with two air inlet sides, a 5% derating of cell capacity will apply.
2. Sample Model Number for multiple cell model :
TSC-250-C3 where:
TSC = Product Line Designator
-250 = Model Number
-C = Cell
3 = Number of Cells (When the number is 1, it stands for the single-cell tower, so
TSC-250-C1 and TSC-250 are identical single-cell tower.)
3. Certification includes optional Stainless Steel, Zinc-Aluminum-Magnesium alloy coated steel and FRP pultrusion components that do not affect thermal capacity in addition to standard Hot Dip Galvanized Steel components.
4. Certification includes optional Stainless Steel and Hot Dip Galvanized Steel piping components that do not affect thermal capacity in addition to standard PVC piping components.
5. Certification includes optional gear and belt reducers that do not affect thermal capacity in addition to standard belt reducers.
6. Certification includes optional Stainless Steel, Hot Dip Galvanized Steel and Zinc-Aluminum-Magnesium alloy coated steel fan stacks, casings and water basins/sumps that do not affect thermal capacity, in addition to the standard FRP fan stacks, casings and water basins/sumps.
7. Certification includes optional items that do not affect thermal capacity, such as access ladder, handrails, maintenance platform and walkway, etc.