



# COOLING TECHNOLOGY INSTITUTE

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January 30, 2013  
(Revision 1)

Thermal-Cell sdn bhd  
7B-1, Jalan Dinar B, U3/B  
Taman Subang Perdana  
Section U3, 40150 Shah Alam  
Selangor, Malaysia

Subject: CTI Cooling Tower Certification  
Thermal-Cell sdn bhd  
TYH Open, Cross-flow, Induced-draft Cooling Tower Line

Gentlemen:

The Thermal-Cell sdn bhd TYH open, cross-flow, induced-draft cooling tower line, as described in your original application and subsequent revisions through January 29, 2013, 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(11). A listing of the seventy-two (72) primary models included in the CTI Certified TYH line is attached for reference.

The TYH open cross-flow, induced-draft cooling tower line has been previously assigned and should continue to use CTI Certification Validation Number 11-40-01 and 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 CTI Certification Standard.

This CTI Certification requires the successful completion of a CTI Annual Reverification Test on a different model each year to remain in effect in the subsequent year.

Very truly yours,

Thomas E. Weast, P.E.  
CTI Certification Administrator



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## Thermal-Cell sdn bhd

### TYH Line of CTI Certified Open, Cross-flow, Induced-draft Cooling Towers

#### CTI Certification Validation Number 11-40-01

January 30, 2013 (Revision 1)

TYH-80E	TYH-150E	TYH-225E	TYH-350E	TYH-500E	TYH-700E
TYH-100C	TYH-175C	TYH-250C	TYH-400C	TYH-550C	TYH-800C
TYH-100T	TYH-175T	TYH-250T	TYH-400T	TYH-550T	TYH-800T
TYH-100I	TYH-175I	TYH-250I	TYH-400I	TYH-550I	TYH-800I
TYH-100E	TYH-175E	TYH-250E	TYH-400E	TYH-550E	TYH-800E
TYH-125C	TYH-200C	TYH-300C	TYH-450C	TYH-600C	TYH-900C
TYH-125T	TYH-200T	TYH-300T	TYH-450T	TYH-600T	TYH-900T
TYH-125I	TYH-200I	TYH-300I	TYH-450I	TYH-600I	TYH-900I
TYH-125E	TYH-200E	TYH-300E	TYH-450E	TYH-600E	TYH-900E
TYH-150C	TYH-225C	TYH-350C	TYH-500C	TYH-700C	TYH-1000C
TYH-150T	TYH-225T	TYH-350T	TYH-500T	TYH-700T	TYH-1000T
TYH-150I	TYH-225I	TYH-350I	TYH-500I	TYH-700I	TYH-1000I

#### Footnotes:

- Multiple cell models of the single cell models above are also available and included in the CTI Certification but are not individually listed.
- “E, C, T or I” at the end of the model numbers indicates the relative motor size and capacity.
  - “E” indicates one size smaller motor for energy-saving low-sound applications
  - “C” indicates standard motor size used for standard model applications
  - “T” indicates one size larger motor for economical applications
  - “I” indicates two sizes larger motor for compact applications
- Certification includes standard tower construction materials indicated by suffix -SC and alternate construction materials indicated by suffixes -S, -SD, and -SL which are added to basic model numbers above where:
  - SC is for standard galvanized structure and fiber reinforced plastic casing material;
  - S is for stainless steel casing, basin, mainframe and hardware;
  - SD is for magnesium aluminum zinc casing, basin, mainframe and hardware;
  - SL is for aluminized zinc casing, basin, mainframe and hardware;
- Sample model number: TYH-100E-S-2  
Where: TYH = Product line name
  - 100 = Reference capacity or nominal size
  - E = Energy-saving low-sound motor size
  - S = Stainless steel casing, basin, mainframe and hardware
  - 2 = Number of cells

*Thomas E. Weast*

Thomas E. Weast, P.E.  
CTI Certification Administrator