



COOLING TECHNOLOGY INSTITUTE

P. O. Box 681807, Houston, Texas 77268 • 3845 Cypress Creek Parkway, Ste 420, Houston, Texas 77068
Phone: 281.583.4087 • Fax: 281.537.1721 • email: vmanser@cti.org • http://www.cti.org

September 23, 2019
(Revision 0)

Advance Cooling Towers Pvt. Ltd.
406, Span Centre,
R. K. Mission Marg,
Santacruz (West),
Mumbai - 400 054, India

Subject: CTI Cooling Tower Certification for the
Advance Cooling Towers Pvt. Ltd.
Advance 2020 – NTM Line of Cooling Towers

Greetings:

The Advance Cooling Towers Pvt. Ltd., line of Advance 2020 – NTM counter-flow, induced-draft, cooling towers, as described in your original application and subsequent revisions and additions completed through July 16, 2019, 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(19). A listing of the fourteen (14) primary, single-cell, models in the Advance 2020 – NTM line of cooling towers encompassed by this certification is included with this letter for reference.

The Advance 2020 – NTM line of cooling towers by Advance Cooling Towers Pvt. Ltd. has been assigned and should begin to use CTI Certification Validation Number C31B-19R00. 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 STD-201 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,

Michael G. Womack, PE
CTI Thermal Certification Administrator



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Advance Cooling Towers Pvt. Ltd.
Advance 2020 – NTM Line of CTI Certified Cooling Towers
CTI Certification Validation Number C31B-19R00
September 23, 2019 (Revision 0)

(Note: Number of Certified Cells Denoted by Prefix 1 through 6)

NTM81KW2.2	NTM144KW7.5
NTM81KW3.75	NTM144KW9.3
NTM99KW2.2	NTM162KW9.3
NTM99KW3.75	NTM162KW11.0
NTM117KW3.75	NTM180KW11.0
NTM117KW5.5	NTM180KW15.0
NTM135KW5.5	
NTM135KW7.5	

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Advance Cooling Towers Pvt. Ltd. **Advance 2020 – NTM Line of CTI Certified Cooling Towers** **CTI Certification Validation Number C31B-19R00** **September 23, 2019 (Revision 0)**

Footnotes:

1. Advance 2020 – NTM towers for export and domestic sales are by Advance Cooling Towers Pvt. Ltd.
2. Multi-cell models comprised of a combination of up to six (6) primary single-cells (listed above) are included in the certification. See example model number below.
3. Certified models listed above are for standard construction materials with FRP (Fiberglass Reinforced Plastic) casing, basin/sump and fan deck; HDG (Hot Dipped Galvanized) steel structure; direct drive fan; and, 415 Volt/50 Hz/3 Phase fan motor. Certification includes a number of options below which are also available.
4. Certified models with optional stainless steel 304 or 316 grade structure instead of HDG structure have the following suffixes added to the basic numeric model designation:
SS304 – 304 Grade Stainless Steel Structure; SS316 – 316 Grade Stainless Steel Structure
5. Certified models without the FRP basin/sump have the following suffix added to the basic numeric model designation:
WOB – Without Basin/Sump
6. Certified models with optional belt drive or gear drive in place of standard direct drive fan have the following suffixes added to the basic numeric model designation:
BD – Belt Drive Fan GD – Gear Drive Fan
7. Certified models with optional fan motors suitable for 220, 380 or 460 Volt/60 Hz operation or flame proof motors have the following suffixes added to basic numeric model designation:
H – 60 Hz MFP – Motor Flame Proof
8. Certified models include use of optional external platform with railing/ladder for access.
9. Cooling Towers which include the suffix "X" added to the Model No's above (e.g. 1NTM135KW5.5-X) are not covered under CTI Certification due to either application, product accessories or modifications.

Example Model Number: 3 NTM135KW5.5

where, 3 – prefix denoting number of certified cells (values 1 through 6)
NTM135 – line designation and model size code
5.50 – fan motor size