



COOLING TECHNOLOGY INSTITUTE

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December 22, 2017
(Revision 0)

Cenk Endüstri Tesisleri İmalat Ve Taahüt A.Ş.
Gursel Mah. Imrahor Cad. No.7
Kagithane - Istanbul / TURKEY

Subject: CTI Cooling Tower Certification for the
Cenk Endüstri Tesisleri İmalat Ve Taahüt A.Ş. (Cenk)
LISA Line of Induced-draft, Counter-flow, Cooling Towers

Greetings:

The Cenk Endüstri Tesisleri İmalat Ve Taahüt A.Ş. (Cenk) LISA line of counter-flow, induced-draft, cooling towers, as described in your original application and subsequent corrections and clarifications through October 26, 2017, has satisfactorily fulfilled the requirements for certification of thermal performance as set forth in the CTI Certification Standard STD-201(15). A list of the one-hundred-seventy-four (174) LISA models currently encompassed by this certification is included with this letter for reference.

The Cenk LISA cooling tower line has been assigned and should begin to use CTI Certification Validation Number C89B-17R00. 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.

The certification standard 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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LISA Range CTI Certified Cooling Towers

ECC Certification Diploma: 17.12.002

CTI Certification Validation Number: C89B-17R00

December 22, 2017 (Revision 0)

Single Cell Models

A.12.01	E.12.01	K.12.01	P.12.01	U.12.01
A.12.02	E.12.02	K.12.02	P.12.02	U.12.02
A.15.01	E.15.01	K.15.01	P.15.01	U.15.01
A.15.02	E.15.02	K.15.02	P.15.02	U.15.02
A.18.01	E.18.01	K.18.01	P.18.01	U.18.01
A.18.02	E.18.02	K.18.02	P.18.02	U.18.02
B.12.01	H.12.01	L.12.01	R.12.01	
B.12.02	H.12.02	L.12.02	R.12.02	
B.15.01	H.15.01	L.15.01	R.15.01	
B.15.02	H.15.02	L.15.02	R.15.02	
B.18.01	H.18.01	L.18.01	R.18.01	
B.18.02	H.18.02	L.18.02	R.18.02	
C.12.01	I.12.01	M.12.01	S.12.01	
C.12.02	I.12.02	M.12.02	S.12.02	
C.15.01	I.15.01	M.15.01	S.15.01	
C.15.02	I.15.02	M.15.02	S.15.02	
C.18.01	I.18.01	M.18.01	S.18.01	
C.18.02	I.18.02	M.18.02	S.18.02	
D.12.01	J.12.01	N.12.01	T.12.01	
D.12.02	J.12.02	N.12.02	T.12.02	
D.15.01	J.15.01	N.15.01	T.15.01	
D.15.02	J.15.02	N.15.02	T.15.02	
D.18.01	J.18.01	N.18.01	T.18.01	
D.18.02	J.18.02	N.18.02	T.18.02	

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December 22, 2017 (Revision 0)

Two Cell Models

2 x H.12.01	2 x K.12.01	2 x N.12.01	2 x S.12.01
2 x H.12.02	2 x K.12.02	2 x N.12.02	2 x S.12.02
2 x H.15.01	2 x K.15.01	2 x N.15.01	2 x S.15.01
2 x H.15.02	2 x K.15.02	2 x N.15.02	2 x S.15.02
2 x H.18.01	2 x K.18.01	2 x N.18.01	2 x S.18.01
2 x H.18.02	2 x K.18.02	2 x N.18.02	2 x S.18.02
2 x I.12.01	2 x L.12.01	2 x P.12.01	2 x T.12.01
2 x I.12.02	2 x L.12.02	2 x P.12.02	2 x T.12.02
2 x I.15.01	2 x L.15.01	2 x P.15.01	2 x T.15.01
2 x I.15.02	2 x L.15.02	2 x P.15.02	2 x T.15.02
2 x I.18.01	2 x L.18.01	2 x P.18.01	2 x T.18.01
2 x I.18.02	2 x L.18.02	2 x P.18.02	2 x T.18.02
2 x J.12.01	2 x M.12.01	2 x R.12.01	2 x U.12.01
2 x J.12.02	2 x M.12.02	2 x R.12.02	2 x U.12.02
2 x J.15.01	2 x M.15.01	2 x R.15.01	2 x U.15.01
2 x J.15.02	2 x M.15.02	2 x R.15.02	2 x U.15.02
2 x J.18.01	2 x M.18.01	2 x R.18.01	2 x U.18.01
2 x J.18.02	2 x M.18.02	2 x R.18.02	2 x U.18.02

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Footnotes to Certified Model List – LISA Cooling Towers:

1. Certification includes execution with Galvanized Steel structural panels. Galvanized steel construction parts include basin, air inlet louver steel parts, fill section supports, all casing materials, deck and fan stack.
2. Certification includes execution with Stainless Steel structural panels (suffix SS). Stainless steel construction parts include basin, air inlet louver steel parts, fill section supports, all casing materials, deck and fan stack.
3. Certification includes execution with stainless steel basin and louver supports and galvanized steel structural components (suffix SG), as follows:
 - Basin is Stainless Steel,
 - Air inlet louver's steel parts are Stainless Steel,
 - Fill section's supports are Galvanized Steel,
 - All of casing materials are Galvanized Steel,
 - Deck is Galvanized Steel,
 - Fan stacks are Galvanized Steel.
4. Certification includes use of optional quiet axial fans (suffix L) on LISA P-R-S-T-U type models. Use of low sound fan decreases cooling capacity 2%.
5. Certification includes units with optional gear drive in place of standard belt drive or standard direct drive.
6. Certification includes use of optional water silencers.
7. Certification includes use of optional external platforms/ladders for access.
8. Certification includes use of offset sound attenuation walls.
9. Certification includes execution with optional two-speed motor. However, certified capacity ratings only applicable for higher speed setting.
10. Certification includes execution with ATEX electric components (suffix ATEX)