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EU certificate of conformity Module H Certificate No. PTC17.00920.5120 / Module H1 Certificate No. PTC17.00921.5120 Issued by notified body
 1155, SGS Portugal S.A., Polo de Servicos da Maia Rua Padre Antonio, 232 Fracão 4.4 4470-136 Maia Portugal

Product specification Brazed Plate Heat Exchanger (BPHE)

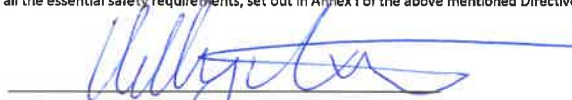
We hereby declare in compliance with the above Directive, that all variants of the products detailed below have been manufactured in accordance to Module H/H1 for the Design & Manufacturing of Brazed Plate Heat exchangers, Design code 13445, Fluid group 1&2

We declare the conformity and confirm fulfilment of all the essential safety requirements, set out in Annex I of the above mentioned Directive.

SWEP Authorized Signature

In Landskrona, Sweden

2019-09-10



Nelly Axelsson

Vice President Supply Chain & Quality

Copper Brazed, MAX PED Category I,II,III

Module H: Conformity certificate No. PTC17.00920.5120

Copper Brazed, MAX PED Category IV

Module H1: Conformity certificate No. PTC17.00921.5120

| Product | |
|-------------|-------------------------|
| 10 (S, M) | 12 (M, D, H) |
| 10T (S, M) | 16 |
| 12 (S) | 16DW (S, M, H, R, U) |
| A12-ADWIS | 17 (U) |
| 15T (M, H) | 18 (U) |
| 20 (M) | 25 (S, M, D, H) |
| 25T (Y) | 25T (S, M, H) |
| 26 (M, F) | 28 (S) |
| 5 (S, M, H) | 30 (Y, H) |
| 5AS | 315 (S) |
| 5F (M) | 35 (S) |
| 5T (M, H) | 35T (S) |
| 8 (M, H) | 427 (L) |
| 8 (S) | 80 (S, M, H, F) |
| 8LAS (M) | 80AS (M, H) |
| 8T (M) | 85 (M) |
| X8T (S) | 85AS (M) |
| 9 (U) | 86 (M) |
| 10 | D200 (S) |
| 10T | |

All Stainless/Nickel Brazed, MAX PED Category I,II,III

Module H: Conformity certificate No. PTC17.00920.5120

| Product | |
|--------------|-------------|
| 10 (H) | 25T (S) |
| 10T (S) | 28 (H) |
| 10T-SPF | 28 (S, P) |
| 10TS-SPS (S) | 5T-SPS (M) |
| 12 (S) | 8T (S) |
| 15 (S) | 80 (M) |
| 16-SPS | 80S-SPS (M) |
| 25 (S) | 85S-SPS (M) |

Copper brazed, Low pressure/low volume products approved based on SEP

SEP - Sound Engineering Practice, PED Article 4.3

| Product | |
|------------|-----------|
| A5T-ADWIS | E8AS |
| A5AS-ADWIS | E8LAS |
| ESAS | E8T |
| ESP | 3 (M) |
| E5T | 4 (M) |
| E6T | M10-Minex |
| EB6T | |

| Product | Type Cert. No. |
|--------------|--------------------|
| 120T (S) | PTC19.01297.5120/1 |
| 120T-SMO (S) | 08-522198-98 |
| 120T (M) | 12-782357-42 |
| 120T (H) | PTC16.05401.5046 |
| 120T (F) | 12-782357-22 |
| 120T (E) | 12-782357-33 |
| 185 (U) | PTC15.02414.5046/3 |
| 200T-SMO (S) | 08-522198-99 |
| 200T (S, M) | PTC15.00290.5046/3 |
| 200T (H) | PTC15.03207.5046/3 |
| 220 (M) | PTC18.08525.5120 |
| 220 (H) | PTC18.08527.5120 |
| 250AS (H) | PTC16.02294.5046/4 |
| 250AS(H1) | PTC19.01298.5120/1 |
| 35T (M) | PTC14.04204.5046/3 |
| 35TDW (H) | PTC16.00202.5046/3 |
| 320HT (S) | PTC17.04321.5120 |
| 320HT (M) | PTC17.04598.5120 |
| 320LT (S) | PTC17.06980.5120 |
| 320LT (M) | PTC17.06981.5120 |
| 400 (E) | 12-782357-32 |
| 400T (M) | PTC18.06531.5120 |
| 400T (S) | PTC17.01367.5120 |
| 427 (S) | PTC18.04307.5120 |
| 439 (S) | PTC14.00422.5046 |
| 439 (M) | 08-782357-07 |
| 50 (S) | PTC17.00448.5120 |
| 56 (S) | PTC17.00449.5120 |
| 56 (Y) | 11-782357-27 |
| 56 -SMO | 06-522198-53 |

| Product | Type Cert. No. |
|-------------|--------------------|
| 57 (S) | PTC17.00450.5120 |
| 57-SMO | 06-522198-47 |
| 500T (S) | PTC14.00423.5046/1 |
| 500T (M) | 08-782357-06 |
| 60 (S, M) | PTC18.04308.5120 |
| 65 (S) | PTC17.01368.5120 |
| 65 (H) | PTC16.02428.5046/2 |
| 633 (S) | PTC14.00889.5046 |
| 633 (Y, L) | PTC13.02915.5046/2 |
| 633L (S) | PTC18.08526.5120 |
| 633L (M) | PTC14.03735.5046/3 |
| 649 (S) | 12-782357-30 |
| 649 (Y) | 12-782357-37 |
| 649HT (S) | PTC16.05164.5046 |
| D200 (H) | 07-522198-77 |
| D200 (M) | 12-782357-41 |
| D300 (M) | 10-782357-09 |
| D300-SMO | 10-782357-11 |
| D310 (H) | PTC15.01909.5046/4 |
| D310 (H1) | PTC16.05163.5046 |
| D400 (S, M) | PTC19.01299.5120/2 |
| D400 (H) | PTC15.04215.5046/4 |
| D500 (S) | PTC18.05269.5120 |
| D650 (M) | PTC16.02042.5046/1 |
| D700 | PTC13.02339.5046/1 |