

GENERAL DATA

Name and address of manufacturer	: Wuxi Chemical Equipment Co.,Ltd. Huayi road,Hua Zhuang Town,Wuxi, Jiangsu. China.
Principal's purchase order No.	: 4505600575 Item No.: 18-X-1804
Equip. tag No. and name	: T-20002 Recirculating Exchanger
Manufacturer's production order No.	: WHA 22-028-1 ASME SECTION VIII DIV.1 2021 ED. TEMA Tenth Edition CLASS R
Applicable design code	: API660-2020
Year of manufacture	2023 Manufacturer's serial No. : WHA 22-028-1
Name of design org.	: Wuxi Chemical Equipment Co.,Ltd.
Name of inspection org.	: /
Type of vessel	: Heat Exchanger
Design pres. int/ext	Psig[Barg] : SHELL SIDE:220/15[15.17/1.03] TUBE SIDE:232/15[16/1.03]
Design temperature	°F [°C] : SHELL SIDE:430[221.1]/300[148.89] TUBE SIDE:430[221.1]/400[204.44]
ID	In.[mm] : 12.25"[311.1]
Wall thickness,	In.[mm] : SHELL SIDE:0.63"[16] TUBE SIDE: 0.551"[14]
Corrosion allowance	In.[mm] : SHELL SIDE:1/16[1.588] TUBE SIDE:1/8[3.175]
Overall length of vessel	In.[mm] : 149.4"[3794.8]
Weight of vessel (empty)	Lb[Kg] : 3363[1529]
Weight of vessel incl. internals (empty)	: NA
Heat treatment	: YES When yes, type of heat treatment: Solution:Part NO.12:HEAD Part NO.32:Tube bends
Pressure test date	: SHELL SIDE: 2023-03-08 TUBE SIDE:2023-03-10
Position	: Horizontal
Test pressure	Psig[Barg] : SHELL SIDE: 783.2[54] TUBE SIDE:670.2[60]
Test medium	: Water
Temperature of medium	°F [°C] : SHELL SIDE: 540.8[16] TUBE SIDE:540.8[16]
NDE: - radiography (X-ray/Gamma-ray)	: YES;SPOT
- ultrasonic	: YES;100%
- magnetic/particle	: YES;100%
- dye penetrant	: YES;100%
Joint efficiency (SHELL/HEAD)	: SHELL SIDE:0.85/1.0 TUBE SIDE:0.85
Type of equipment support	: Saddle
Number(s) of approved drawing(s)	: WXCE6718-00 Rev. No.: 04
	: WXCE6718-01 Rev. No.: 04
	: WXCE6718-02 Rev. No.: 04
	: WXCE6718-03 Rev. No.: 04
	: WXCE6718-04 Rev. No.: 04
	: WXCE6718-05 Rev. No.: 04
	: WXCE6718-06 Rev. No.: 03

* Delete what does not apply

For manufacturer: WCE
Name: Yangliangliang
Position: QC Engineer
Place and date: 2023-3-10
Huayi road,Hua Zhuang Town,Wuxi,Jiangsu,China



For inspection organization:
Name:
Position:
Name of company:
Place and date:

Signature and stamp

Signature and stamp