

GENERAL DATA

1 of 1

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-1802
Equip. tag No. and name	: T-150002 Recirculating Exchanger
Manufacturer's production order No.	: WHA22-026-1
Applicable design code	: ASME SECTION VIII DIV.1 2021 ED & TEMA Tenth Edition CLASS R&API660-2020
Year of manufacture	: 2023 Manufacturer's serial No. : WHA22-026-1
Name of design org.	: WUXI CHEMICAL EQUIPMENT CO.,LTD.
Name of inspection org.	: WUXI CHEMICAL EQUIPMENT CO.,LTD.
Type of vessel	: Heat exchanger
Design pres. int/ext psig[barg]	: shell side:180/15 [12.41/1.03];tube side:232/15 [16/1.03]
Design temperature (INT./EXT.) ° F[° C]	: shell side:430 [221.1]/300 [148.89];tube side:430 [221.1]/400 [204.44]
ID In.[mm]	: 15.5" [393.7]
Wall thickness, Actual In.[mm]	: shell side:0.787" [20]/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]	: 186.336" [4732.9]
Weight of vessel (empty) lb	: 4694
Weight of vessel incl. internals (empty)	: /
Heat treatment	: ☒ YES When yes, type of heat treatment: Stress Relieving(head) Solution(head/U-BENDS)
Pressure test date	: shell side:2023.3.7;tube side:2023.3.9
Position	: Horizontal
Test pressure psig[barg]	: shell side:812[56];tube side :1015[70]
Test medium	: Water
Temperature of medium °F[°C]	: shell side:68[20];tube side:69.8[21]
NDE: - radiography (X-ray/Gamma-ray)	: SPOT
- ultrasonic	: 100%
- magnetic/particle	: 100%
- dye penetrant	: 100%
Joint efficiency (shell /Head)	: shell side:0.85/1.0;tube side:0.85/1.0
Type of equipment support	: Earing LUG
Number(s) of approved drawing(s)	: WXCE6716-00 Rev. No.: 4
	: WXCE6716-01 Rev. No.: 4
	: WXCE6716-02 Rev. No.: 4
	: WXCE6716-03 Rev. No.: 4
	: WXCE6716-04 Rev. No.: 4
	: WXCE6716-05 Rev. No.: 4
	: WXCE6716-06 Rev. No.: 3
	: WXCE6716-TR Rev. No.: 1

* Delete what does not apply

For manufacturer: WCE

Name: Xujunhua

Position: QC Engineer

Place and date: 2023.3.11

Huayi road,Hua Zhuang Town,Wuxi,Jiangsu,China

Signature and stamp



For inspection organization:

Name:

Position:

Name of company:

Place and date:

Signature and stamp