

GENERAL DATA

Section A1, sheet 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-1807
Equip. tag No. and name	:	T-125001 Recirculating Exchanger	
Manufacturer's production order No.	:	WHA22-030-1	
Applicable design code	:	ASME SECTION VIII DIV.1 2021 ED.	
Year of manufacture	:	2023	Manufacturer's serial No. : WHA22-030-1
Name of design org.	:	Wuxi Chemical Equipment Co.,Ltd.	
Name of inspection org.	:	Wuxi Chemical Equipment Co.,Ltd.	
Type of vessel	:	Heat Exchange	
Design pres. int/ext	Psig[barg]	SHELL SIDE:180/15[12.41/1.03];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]	15.5[393.7]	
Wall thickness,	Actual mm	0.551[14]/0.787[20]	
Corrosion allowance,	In.[mm]	SHELL SIDE:1/16[1.588];TUBE SIDE:1/8[3.175]	
Overall length of vessel	mm	169.994[4317.8]	
Weight of vessel (empty)	Lb[Kg]	4566[2075]	
Weight of vessel incl. internals (empty)	:	/	
Heat treatment	:	YES When yes, type of heat treatment:Ellipse head:Solution/Ellipse head:Stress Relieving/Part No.26-1-26-5:Solution	
Pressure test date	:	SHELL SIDE:2023-4-1;TUBE SIDE1 st :2023-3-28/TUBE SIDE2 st :2023-4-3	
Position	:	Horizontal	
Test pressure	psig[Barg]	SHELL SIDE:783[54];TUBE SIDE1 st :986[68]/TUBE SIDE2 st :1015[70]	
Test medium	:	Water	
Temperature of medium	°F[°C]	SHELL SIDE:68[20];TUBE SIDE1 st :62.6[17]/TUBE SIDE2 st :62.6[17]	
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:0.85/1.0	
Type of equipment support	:	LIFTING LUG	
Number(s) of approved drawing(s)	:	WXCE6720-00	Rev. No.: 05
	:	WXCE6720-00	Rev. No.: 05
	:	WXCE6720-01	Rev. No.: 04
	:	WXCE6720-02	Rev. No.: 04
	:	WXCE6720-03	Rev. No.: 04
	:	WXCE6720-04	Rev. No.: 04
	:	WXCE6720-05	Rev. No.: 04
	:	WXCE6720-07	Rev. No.: 03
	:	WXCE6720-TR	Rev. No.: 02
	:	WXCE6720-TR	Rev. No.: 02

* Delete what does not apply

For manufacturer: WCE

Name: Liu Jinwei

Position: QC Engineer

Place and date:

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

