

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. : 4505600570 Item No.: 18-X-274A/B

Equip. tag No. and name : AGR2 Lean/Rich Amine Exchanger

Manufacturer's production order No. : WHA22-015-1

Applicable design code : ASME SECTION VIII DIV.1 2021 ED.

Year of manufacture : 2023 Manufacturer's serial No. : WHA22-015-1

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:135[9.31]/15[1.034];TUBE SIDE:175[12.07]/15[1.034]

Design temperature °F[°C] : SHELL SIDE:320[160]/300[148.9];TUBE SIDE:300[148.9]/300[148.9]

ID mm : 19.5"[495.3]

Wall thickness, Actual mm : 14+3.2

Corrosion allowance, In.[mm] : SHELL SIDE:0;TUBE SIDE:0

Overall length of vessel mm : 172.198"[4373.8]

Weight of vessel (empty) Lb[Kg] : 14620[6632]

Weight of vessel incl. internals (empty) : /

Heat treatment : YES When yes, type of heat treatment:Part No.82-1~82-9&122-1~122-9:Solution/Elliptical head:Stress Relieving

Pressure test date : SHELL SIDE:2023-4-28;TUBE SIDE:2023-5-26

Position : Horizontal

Test pressure Bar(g) : SHELL SIDE:28;TUBE SIDE:27

Test medium : Water

Temperature of medium °F[°C] : SHELL SIDE:18;TUBE SIDE:25

NDE: - radiography (X-ray/Gamma-ray) : YES;FULL

- ultrasonic : YES;100%

- magnetic/particle : YES;100%

- dye penetrant : YES;100%

Joint efficiency(SHELL/HEAD) : SHELL SIDE:1.0/1.0;TUBE SIDE:1.0

Type of equipment support : LIFTING LUG

Number(s) of approved drawing(s) :

WXCE6705-00	Rev. No.: 06
WXCE6705-00	Rev. No.: 05
WXCE6705-00	Rev. No.: 05
WXCE6705-01-1	Rev. No.: 05
WXCE6705-01-2	Rev. No.: 05
WXCE6705-02-1	Rev. No.: 05
WXCE6705-02-2	Rev. No.: 05
WXCE6705-03	Rev. No.: 05
WXCE6705-04	Rev. No.: 05
WXCE6705-05	Rev. No.: 05
WXCE6705-07	Rev. No.: 03
WXCE6705-08	Rev. No.: 02

* Delete what does not apply

For manufacturer: WCE

Name: Qian Cheng

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



CERTIFICATE OF CONFORMANCE (design)

Section A2, 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. : 4505600570 Item No.: 18-X-274A/B
Equip. tag No. and name : AGR2 Lean/Rich Amine Exchanger
Manufacturer's production order No. : WHA22-015-1

We hereby certify that the design of this vessel conforms to:

Code : ASME SECTION VIII DIV.1 2021 ED.
Purchase order No. : 4505600570 Rev. : 2 Dated : 2022/1/5
Requisition No. : / Rev. : / Dated : /
Additional requirements : /

For design organization : People's Republic of China
Name : Huang Xiaosheng
Position : Design Engineer
Name of company : Wuxi Chemical Equipment Co.,Ltd
Place and date : Wuxi Chemical Equipment Co.,Ltd. & 26/5/2023

Signature and stamp

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

Signature and stamp



For manufacturer: WCE

Name: Huang Xiaosheng 黄晓生
Position: Design 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

CERTIFICATE OF CONFORMANCE (construction and testing)

Section A3, 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. : 4505600570 Item No.: 18-X-274A/B
Equip. tag No. and name : AGR2 Lean/Rich Amine Exchanger
Manufacturer's production order No. : WHA22-015-1

We hereby certify that this equipment has been constructed and tested in conformity with:

Code : ASME SECTION VIII DIV.1 2021 ED.
Purchase order No. : 4505600570 Rev. : 2 Dated : 2022/1/5
Requisition No. : / Rev. : / Dated : /
Additional requirements : /

For manufacturer : People's Republic of China
Name : Tang Yuntao
Position : QC Manager
Name of company : Wuxi Chemical Equipment Co.,Ltd
Place and date : Wuxi Chemical Equipment Co.,Ltd. & 15/6/2023

Signature and stamp



We hereby confirm that (except for the items listed hereunder) the construction and testing of the above equipment has been carried out under surveillance and that to the best of our knowledge and belief all aspects of this work have been in accordance with the requirements of the above code, purchase order, requisition and the additional requirements.

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



Signature and stamp

For manufacturer: WCE

Name: Tang Yuntao

Position: QC Manager

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