

71703

1. Manufactured by CHEMAP AG, 8708 Maennedorf, Switzerland
(Name and address of manufacturer)

2. Manufactured for Crawford & Russell Inc., 733 Canal St., Stamford, Connecticut
(Name and address of purchaser)

3. Location of installation BASF Wyandotte Corp., Geismar, Louisiana
(Name and address)

4. Type Vertical Tank Vessel No. 5167 Or 713056h
(Holtz. or vert. tank) (Mfr's Serial No.) (CRN) (Drawing)

39 Year Built 1977
(Holtz. No.)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1977 and Addenda to Summer 77 and Code Case no. _____
(Year) (Date)

Special service per UG-120(d). Built accordance with Part UW and UHA

Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: _____

(Name of part, item number, mfg.'s name and identifying stamp)

Items 6-11 incl. to be completed for single wall vessels, jackets of jacketed vessels, or shells of heat exchangers

6. Shell: Material SA 240-316L Nominal Thickness 0.315 in. Corrosion Allowance - in.

(Spec. No., Grade)

Dim. 3 ft 4 in. Length 2 ft 5 in.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.

Date: 5-1-1979 Signed: CHEMAP AG by 11 [Signature]
(Manufacturer) (Representative)
"U" Certificate of Authorization No. 11,910 expires May 10 19 79

CERTIFICATE OF SHOP INSPECTION

Vessel made by CHEMAP AG at Mannedorf, Switzerland
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of New York and employed by Royal Indemnity Co.
of New York have inspected the pressure vessel described in this Manufacturers' Data Report on
4th, 5th JANUARY 1975 and state that, to the best of my knowledge and belief, the Manufacturer has
constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in the Manufacturers' Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date 5th JANUARY 1974
Signed [Signature] Commission No. NS 7384
(Natl Board, State, Province and No.)

CERTIFICATE OF COMPLIANCE FOR FIELD WORK

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Pressure Vessels, Section VIII, Division 1.

Date _____ Signed _____ (Manufacturer) by _____ (Representative)
 "J" Certificate of Authorization No. _____ expires _____ 19____

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of _____ and employed by _____ of _____ have compared the statements in this Manufacturers' Data Report with the described pressure vessel and state that parts referred to as data items _____ not included in the certificate of shop inspection, have been inspected by me and that, to the best of my knowledge and belief, the Manufacturer has constructed and assembled this pressure vessel in accordance with ASME Code, Section VIII, Division 1.

The described vessel was inspected and subjected to a hydrostatic test of _____ psi.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this Manufacturers' Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date _____
Signed _____ (Authorized Inspector) Commissions _____ (Nat'l Board, State, Province and No.)

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7. Name: Longitudinal **Double Butt Spot**

8. Heads: (a) Material **SA 240-316L** (b) Material **SA 240-316L**

(Top Bottom Ends) Location Minimum Thickness Corrosion Allowance Crown Radius Knuckle Radius

(a) Top **0.315"** - **32"**

(b) Bottom **0.394"**

Conical Apex Angle Hemispherical Radius

(a) **60°**

(b) **60°**

If removable, bolts used (describe other fastenings)

9. Type of Joint **Spot**

10. Joint Closure **Spot**

If bolted, describe or sketch

11. Constructed for max. allowable working pressure **150** psi at max. temp. **350**

less than -20 F

Items 12 and 13 to be completed for tube sections

12. Tubesheets: Stationary - Material **SA 240-316L** Diam. **32"**

Nominal Thickness in Corrosion Allowance in Attachment

Floating - Material **SA 240-316L** Diam. **32"**

Nominal Thickness in Corrosion Allowance in Attachment

13. Tubes: Material **SA 240-316L** O.D. **32"** Nominal Thickness **0.315"**

Number **11** Type **OT**

Items 14-17 incl. to be completed for tubes of jacket vessels or assemblies of heat exchangers

14. Shell: Material **SA 240-316L** Nominal Thickness **0.315"** in Corrosion Allowance **0.015"**

Diam. **32"** Length **10'**

15. Name: Longitudinal **Spot**

8. Heads: (a) Material **SA 240-316L** (b) Material **SA 240-316L**

(Top Bottom Ends) Location Minimum Thickness Corrosion Allowance Crown Radius Knuckle Radius

(a) **0.315"** - **32"**

(b) **0.394"**

Conical Apex Angle Hemispherical Radius

(a) **60°**

(b) **60°**

If removable, bolts used (describe other fastenings)

17. Constructed for max. allowable working pressure **150** psi at max. temp. **350**

less than -20 F

Items below to be completed for all vessels where applicable

18. Safety Valve Outlets: Number **1** Size **2"**

19. Nozzles:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Nominal Thickness	Attachment	Notes
Inlet, Outlet	3	3.5"	Comp.	SA 312 TP 316L	0.315"		
Inlet, Outlet	2	2.17"	Comp.	SA 312 TP 316L	0.315"		
Inlet (Air)	3	1.9"	Spot	SA 312 TP 316L	0.315"		
Gauge conn.	1	1.75"	Spot	SA 312 TP 316L	0.315"		

20. Inspection Openings:

Manhole No. **2** Size **4'** Location **Shell**

Handhole No. **2** Size **4"** Location **Shell**

Threaded No. **2** Size **4"** Location **Shell**

21. Supports: Stiff **Shell, welded**

22. Remarks: