

CLARK - 555

19-V-102
RECEIVED

FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

AUG 14 1963

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

W. C. O. D.
REC'D DEPT.

1. Manufactured by Continental Boiler and Sheet Iron Works St. Louis, Missouri
(Name and address of Manufacturer)

2. Manufactured for Wilputte Coke Oven Div. Allied Chemical Corp. New York, New York
(Name and address of Purchaser)

3. Type Vert. Vessel No. 0-8467 B (Mfrs. Serial) (State & State No.) Natl. Bd. No. 810 Yr. Built 1963
(Horiz. or Vert.)

4. SHELL: Matl. T-304 s/s T.S. 75000 Nom. Thk. 3/4 In. Allow. 0 In. Diam. 3 Ft. In. Lgth. 6 Ft. In.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long DBL. W. Butt S.R. No X.R. Spot Sectioned No Efficiency 85 %
(Welded, Dbl. Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth T-304 s/s S.R. No X.R. Spot Sectioned No No. of Courses 1

6. HEADS: (a) Material T-304 s/s T.S. 75000 (b) Material T.S.
Location (Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)
(a) Top 1/4" min. 36" 2 1/4" ---- ---- ---- ---- Concave
(b) Bottom

If removable, bolts used _____ Other fastening _____
(Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

7. Constructed for Int. pressure of 30 psi Max Temp 140 °F Subzero _____ °F Hydrostatic Test 45 psi
(Ext.)

8. SAFETY OR RELIEF VALVE OUTLETS: Number Field Size Determine Location Connection

9. NOZZLES:
Purpose (Inlet Outlet, Drain) Number 1 Diam or Size 2" L.J. Type L.J. Flg. Material T-304 s/s Thickness 300F Reinforcement Material T-304 s/s How Attached Welded
Misc. 8 2" L.J. Flg. T-304 s/s 300F T-304 s/s Welded
1 20 Shell T-304 s/s Welded

10. INSPECTION Manholes, No. 1 Size _____ Location _____
OPENINGS Handholes, No. _____ Size _____ Location _____
Threaded, No. No Size 4 Location -----

11. SUPPORTS: Skirt _____ Lugs --- (Number) Legs 4 (Number) Other ----- Attached Shell welded
(Yes or No) (Describe) (Where & How)

12. REMARKS: Common recovery decanter phenol plant item V-102

** Also Full Vacuum

* Shipped to Clark Oil & Refining Blue Island, Illinois

(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., Etc.—State Contents.)

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

Date June 26 19 63 Signed Continental Boiler & Sheet Iron Wks. By A. S. Lewis
(Manufacturer)

Certificate of Authorization Expires _____

December 31, 1964

CERTIFICATE OF SHOP INSPECTION

Inspection Agency's Serial No. 892 Wks. _____

VESSEL MADE BY Continental Boiler & Sheet Iron at St. Louis, Missouri

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF N. B. and employed by Comm. Union No. British Group of N. Y., inspected internally and externally, the vessel described in this report on June 25 19 63, and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builders, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date June 27 19 63
P. Burkhaner Jr. Inspector's Signature

Commissions N. B. 4845 State or Natl. Bd. & Number

Printed in U. S. A.

Copies of this Form obtainable from Amer. Soc. Mech. Eng., 29 W. 39th St., New York 18, N. Y.

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