

For Vessels having parts built under different sections (W, EW, R, and F), use appropriate item headings for each part

- 1 Manufactured by Wyatt Metal & Boiler Works Dallas, Texas Mfrs. Shop Job No. 2718
(Name and address of the manufacturer)
- 2 Manufactured for O. L. Olson Company, Houston, Texas Purchaser's Order No. 24248
(Name and address of the Purchaser)
- 3 Type Horizontal Vessel No. 56D2718-2 To be installed in Texas Date built 7/56
(Horizontal or vertical—when in service) (Mfrs. Serial No.) (State and State No.) (Month and Year)
- 4 Have mill test reports been checked on all the plates or seamless vessel forgings entering this unfired pressure vessel? yes
Do the chemical and physical properties of all plates or seamless vessel forgings meet the requirements of the Code? yes
(See chemical and physical report)
- 5 Shell or Drums: No. 1 Diameter 9 ft. 0 in. Length over all 62 ft. 2 in.
(or width) Stud: 73,000
Nuts: Case 1056
Bolts: Rivets
(Brand and lowest tensile strength) (ASTM or other specifications for carbon steel or alloy)
- 7 W¹-Shell Plates 3/8 in. Style of Seams: Longitudinal Sgl. V Dbl. Butt
EW-Shell Plates _____ in. (Riveted or fusion-welded, and type)
R-Shell Plates _____ in. Butt Strap Thickness: Inside _____ in. Outside _____ in.
F-Shell _____ in. (Thickness) Shell-80% Heads-80%
- 8 W-Joints Radiographed No Vessel Stress-Relieved No (Yes or No) Efficiency of Joint _____ per cent
R- Diameter of Rivet Holes _____ in. Pitch of Rivets X X Efficiency of Joint _____ per cent
(Vessel as built)
- 9 W-Girth Joints _____ Diameter Rivet Holes _____ in. Pitch of Rivets _____ in. No. of Courses 7
R-Girth Joints _____ (Riveted or fusion-welded, and type)
- 10 Outer Shell _____ in. Style of Seams: Longitudinal Girth _____ Length of Section or Course _____ ft. _____ in.
(If jacketed, thickness) (Riveted or fusion-welded, and type)
- 11 Heads: (thickness) 3/8" Nom. in. Radius of dish _____ in. Radius of knuckle _____ in.
Ratio of ellipse axis _____ Top or one end Concave
Included angle if conical _____ Side to pressure _____ Bottom or opposite end _____
If removable, head bolts used _____ or method of fastening _____
(Number and size) (Describe or sketch on separate sheet)
- 12 W-Radiographic Inspection All or Per Cent Thickness
a Longitudinal Joints _____ in.
b Circumferential Joints _____ in.
W-Stress-Relieving Heads Ring Nos. Controlling Thickness Temp of Vessel Time Temp is Held
a If part of vessel only _____ in. _____ F _____ hr. _____ min.
b If entire vessel _____ in. _____ F _____ hr. _____ min.
- 13 Nozzle Outlets in Heads: No. _____ Size _____ Material of Nozzle or Reinforcement _____ How attached CW IS & OS
Nozzle Outlets in Shell: No. _____ Size _____ Material of Nozzle or Reinforcement _____ How attached CW IS & OS
(Riveted, welded, etc.)
- 14 Handholes or Sight Holes _____
(Number, size, and location)
- 15 Manholes: In Heads _____ Reinforcement _____
In Shell 16" 150# (Inspection) Reinforcement Pad CW IS & OS
(Number) (Size and location of each, distance off center of head) (Riveted, welded, etc., outside only or also inside)
- 16 Method of supporting vessel Saddles
(Lugs, skirt, or ring if on end) or saddles or lugs if horizontal)
- 17 a¹ Allowable working pressure at atmospheric temperature (See W-, R-, and F-525) 102 psi c Location of yield if yielding occurred _____
b Hydrostatic test pressure 153 psi f² Hydrostatic test stress in longitudinal joints _____ psi
(W vessels only) 21,956
c Hydrostatic test pressure when hammer tested 128 psi g Allowable operating stress (Two-thirds stress obtained in f) 16,645 psi
d Proof test pressure if applied _____ psi
- 18 Constructed for pressure of 95 psi. With specified operating temperature of 450 F. With corrosion allowance of 0 in

Remarks 9' 0" O.D. x 62' 2" S-S Normal Butane Tank
Item No. TK-32 Dwg. No. E-9500

W-Welded, EW-Welded External Pressure, R-Riveted, F-Seamless Forged.
When there are shell sections of different thicknesses, each section shall be treated separately.

WE CERTIFY the above data to be correct and that all details of material, construction, and workmanship on this unfired pressure vessel conform to the API-ASME Code for Unfired Pressure Vessels for Petroleum Liquids and Gases.

Date 7/25/1956 Signed Wyatt Metal & Boiler Works
(Manufacturer)

By W. A. Hare
Hartford Steam Boiler
For Insp. & Insurance Co.

7/25/1956 Checked by T. Ward
(Inspector)

- MANUFACTURED BY -

WYATT METAL & BOILER WORKS

HOUSTON -

Wyatt's

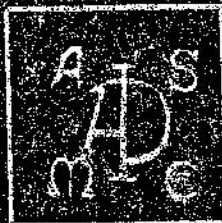
- DALLAS

SERIAL
NUMBER

56-D-2718-2

H. S. B.
NUMBER

53222



DESIGN
PRES.

95

P.S.I.

DESIGN
TEMP.

450

°F.

STRESS
RELIEVED

NO

RADIOGRAPHED

NO

MONTH
BUILT

6

YEAR
BUILT

1956

ITEM TK-32

12TK232

