

RMF DESIGN & INSPECTION, INC.
≡VSSPEC≡ API 510
Pressure Vessel Inspection/Rating Program
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SPECTED FOR: **AMOCO PRODUCTION COMPANY**

VESSEL TAG: V6-1101-5 *E A 8*
MFG. BY: MOSHER STEEL CO.
VESSEL TYPE: #5 PROPANE STO. TANK
YEAR BUILT: 1960 SIZE: 138" OD X 82'-11" S/S

SUMMARY

ual inspection revealed good overall condition. UT inspection revealed no critical indications.

61K
8-9-94
DA
Record 11/10

S. O. 34602

As Required by the Provisions of the ASME Code Rules

PRESSURE VESSELS
Item # CC-1101B 2-101

1. Manufactured by Mosher Steel Company - Houston, Texas
(Name and address of Manufacturer)

2. Manufactured for O. L. Olsen Company, Inc. -- Houston, Texas
(Name and address of Purchaser)

3. Type Horiz. Kind Tank Vessel No. (90337) Nat'l Bd. No. 771 Yr. Built 1961
(Horiz. or Vert.) (Tank, Jacketed, Heat Exch.) (Mfrs. Serial) (State & State No.)

Items 4-9 incl. to be completed for single wall vessels (such as air tanks), jackets of jacketed vessels, or shells of Heat Exchangers

4. SHELL: Material A-212-B T.S. FBX 70000 Nominal Thickness 1 in. Corrosion Allowance 0 in. Diam. 11 6 ft. 11 in. Length 82 ft. 11 in.

5. SEAMS: Long Weld. Dbl. Butt S.R. No X.R. Comp. Sectioned No Efficiency 100 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

Girth Weld dbl. butt S.R. No X.R. COMP. Sectioned no No. of Courses 9

6. HEADS: (a) Material A-212-B T.S. Fbx. 70,000 (b) Material T.S.
Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter Side to Pressure
(Top, bottom, ends) (Kind and Spec. No.) (Fig. or F. B. & lowest T. S.)

(a) Ends 5/8" Nom (7 segments and dollar plate) 69" Concave

(b)

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

7. STAYBOLTS: If hollow Attachment Pitch X Diam.
(Material) (Size of Hole) (Threaded, Welded) (Horiz.) (Vert.) (Nominal)

8. JACKET CLOSURE: (Describe as ogee & weld, bar, etc. If bar give dimensions, if bolted, describe or sketch)

9. Constructed for Ext. pressure of 250 psi. Max. Temp. 650 °F. Subzero °F. Hydrostatic Test 377 psi.
(Int.)

Items 10 and 11 to be completed for tube sections.

10. TUBE SHEETS: Stationary. Material (Kind & Spec. No.) Diam. in. Thickness in. Attachment (Welded, Bolted)

Floating. Material Diam. in. Thickness in. Attachment

11. TUBES: Material O.D. in. Thickness in. or gage. Number Type
(Kind & Spec. No.) (Straight or U)

Items 12-15 incl. to be completed for inner chambers of jacketed vessels, or channels of heat exchangers.

12. SHELL: Material T.S. Nominal Thickness in. Corrosion Allowance in. Diam. ft. in. Length ft. in.
(Kind and Spec. No.) (Fig. or F. B. & Lowest T. S.)

13. SEAMS: Long S.R. X.R. Sectioned Efficiency %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

Girth S.R. X.R. Sectioned No. of courses

14. Heads (a) Material T.S. (b) Material T.S. (c) Material T.S.
Location Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex angle Hemispherical Radius Flat Diameter Side to Pressure
(Top, bottom, ends) (Kind and Spec. No.) (Fig. or F. B. & lowest T. S.)

(a) Top, bottom, ends

(b) Channel

(c) Floating

If removable, bolts used (a) (Material, Spec. No., T.S., Size, Number) (b)

(c) Other fastening (Describe or Attach Sketch)

15. Constructed for Ext. pressure of psi. Max. Temp. °F. Subzero °F. Hydrostatic Test psi.
(Int.)

Items below to be completed for all Vessels where applicable.

16. SAFETY VALVE OUTLETS: Number one Size 6" Location top of shell

17. NOZZLES:
Purpose (Inlet, Outlet, Drain) Number Diam. or Size Type Material Thickness Reinforcement Material How Attached

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Manway	1	18"	Plate	A-212-B	1/2"	1" pad	in shell
in & Out	1	6"	Pipe	A-106-B	Sch. 80	do	do
Relief	1	6"	do	do	do	do	do

18. INSPECTION OPENINGS: Manholes, No. 1 Size 18" Ø Location top of shell 2'-6" from Head
Handholes, No. Size Location
Threaded, No. Size Location

19. SUPPORTS: Skirt No Lugs Legs Other 2-saddles Attached Weld to Bot shell
(Yes or No) (Number) (Number) (Describe) (Where & How)

20. REMARKS: To be used as Propane Storage Tank

(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Cooler, etc. State contents of each part)

For The Fidelity & Casualty
Company of New York

NATL. BD.

NO. 771



MFG. BY

MOSHER STEEL CO.

HOUSTON, TEXAS

SERIAL NO. 90337 DATE BUILT 1960
MAX. DESIGN PRESS. 250 PSI AT 650 °F
MAX. ALLOW. TEMP. °F AT PSI
INSP. BY E C C 21
CORR. ALLOW. NONE WT. 128000
TEST PRESS. 377 PSI S.034602
ITEM NO. CC 1101-B



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