

in Main Boilers 180#/sq
in Donkey Boilers -

If Surveyed Afloat or in Dry Dock Both
(State name of Dock.) Sun SB & DD Co.

Particulars of Classification (wh
precisely as in Register Book

ORM 94 5M 5-41

SUN SHIPBUILDING AND DRY DOCK CO. CHESTER, PA.

TEST REPORT OF FUSION WELDED VESSEL

Customer Standard Oil Co. (N.J.)

Propane Storage Tank #5

Vessel 11'10" Dia. 1-1/4 Thick 21'6" Length 4 Girth Seams 3 Long Seams

Stress Relieving Treatment 1-1/4 Hours 1150-1200 deg. F. Cooled in furnace

TRANSVERSE TENSION TEST

DIMENSIONS	AREA	Y. P. PLATE	Y. P. WELD	ULTIMATE	FAILURE
1.255 x 1.00	1.25		52600	73300	Weld 1/2 cup

ALL WELD METAL TENSION TEST

DIA.	AREA	YIELD POINT	ULTIMATE	2" ELONG.	RED. AREA	REMARKS
.505	.200	49500	75500	29.0	58.9	1/2 cup

FREE BEND TEST

DIMEN.	BEFORE	AFTER	ELONG	% ELONG.	REMARKS
Face	1.03	1.45	.42	40.7	No failure

Nick Break

Specific Gravity

Impact (Note Whether Charpy or Izod) 44.0 Top - Side 60.0 Bottom

Chemical Analysis

X-Ray Examination Complies With Lloyd's Registry

Plate Material 70,000# F.B.

Heat No. 5812

Welding Process Unionmelt

Welder #10

Weld Rod

Working Press

Date 6-17-47

Serial No. 5

Test Engr. D. E. Robertshaw

Charge No. L-5896

Inspector S. Smyth, Lloyds.

* Where more than one vessel is built, the Serial No. shall be (Charge No.)—1, 2, 3, etc.

Lloyd's Register
Foundation