

in Main Boilers 1807/0
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

CHARACTER

Years
assigned
now
expired

SUN SHIPBUILDING AND DRY DOCK CO.
CHESTER, PA.

TEST REPORT OF
FUSION WELDED VESSEL

Customer Standard Oil Co. (N. J.)

Propane Storage Tank #8

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
1.25 x 1.00	1.25	39200		72800	Plate

ALL WELD METAL TENSION TEST

DIA.	AREA	YIELD POINT	ULTIMATE	2" ELONG.	RED. AREA	REMARKS
.505	.200	51000	75500	29.0	57.3	1/2 cup

FREE BEND TEST

DIMEN.	BEFORE	AFTER	ELONG	% ELONG.	REMARKS
Face	1.11	1.51	.40	36.1	No failure

Nick Break

Specific Gravity

Impact (Note Whether Charpy or Izod) 41.0 Top - Side 54.5 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. 8

Test Engr. D. E. Robertshaw

Charge No. L-5896

Inspector S. Smyth Lloyd's

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

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