

in Main Boilers. 1937/78
in Donkey Boilers. -

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

Particulars of Classification (u
precisely as in Register Book

CHARACTER

Years
assigned
now

MM 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 #6

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
<u>1.26 x 1.00</u>	<u>1.26</u>		<u>38400</u>	<u>73700</u>	<u>Weld Cup</u>

ALL WELD METAL TENSION TEST

DIA.	AREA	YIELD POINT	ULTIMATE	ELONG.	RED. AREA	REMARKS
<u>.505</u>	<u>.200</u>	<u>48000</u>	<u>74500</u>	<u>30.5</u>	<u>61.1</u>	<u>1/2 cup</u>

FREE BEND TEST

DIMEN.	BEFORE	AFTER	ELONG	% ELONG.	REMARKS
<u>Face</u>	<u>1.04</u>	<u>1.41</u>	<u>.37</u>	<u>35.6</u>	<u>No failure</u>

Nick Break

Specific Gravity

Impact (Note Whether Charpy or Izod) 39.5 Top - Side 58.5 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. 6

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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Foundation