

RM 94 5M 11-42

SUN SHIPBUILDING AND DRY DOCK CO.
CHESTER, PA.TEST REPORT OF
FUSION WELDED VESSELCustomer **Standard Oil Co. (N. J.)**

PROPANE STORAGE TANK

Vessel **11'10"** Dia. **1-1/4"** Thick **21'6"** Length **4** Girth Seams **3** Long SeamsStress 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
1.166 x 1.206	1.41		56000	75700	Weld

ALL WELD METAL TENSION TEST

DIA.	AREA	YIELD POINT	ULTIMATE	2" ELONG.	RED. AREA	REMARKS
.505	.200	49500	76000	26.0	57.3	1/2 Cup

FREE BEND TEST

DIMEN.	BEFORE	AFTER	ELONG	% ELONG.	REMARKS
Face	.93	1.35		45.2	No failure

Nick Break

Specific Gravity

Impact (Note Whether Charpy or Izod) **44.0** Top **-** Side **59.5** Bottom

Chemical Analysis

X-Ray Examination Complies With **Lloyds Registry**Plate Material **70,000# F.B.**Heat No. **?**Welding Process **Unionmelt**

Weld Rod

Working Press

Date **3-26-47**Serial No. **2**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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Lloyd's Register
Foundation

00032-002240-0030

SUN SHIPBUILDING AND DRY DOCK CO
CHESTER, PA.

TEST REPORT OF
FUSION WELDED VESSEL

TEST REPORT NO.

DATE OF TEST

SHIP NAME

SHIP NO.

TRANSVERSE TENSION TEST

TEST NO.

WELD NO.

ALL TESTS WELD TENSION TEST

WELD NO.

WELD NO.

WELD TENSION TEST

WELD NO.

WELD NO.

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WELD NO.



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