

SUN SHIPBUILDING AND DRY DOCK CO.

CHESTER, PA.

TEST REPORT OF FUSION WELDED VESSEL

Customer **Standard Oil Co. (N. J.)**

Propane Storage Tank #7

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 1.02	1.27		37800	73200	Weld Cup

ALL WELD METAL TENSION TEST

DIA.	AREA	YIELD POINT	ULTIMATE	2" ELONG.	RED. AREA	REMARKS
505	.200	48750	74500	28.5	58.9	Cup

FREE BEND TEST

DIMEN.	BEFORE	AFTER	ELONG	% ELONG.	REMARKS
Face	1.15	1.59	.44	38.3	No failure

k Break

Specific Gravity

Impact (Note Whether Charpy or Izod) **42.0** Top **-** Side **42.5** Bottom

Chemical Analysis

Ray Examination Complies With **Lloyd's Registry**Base Material **70000# F.B.**Heat No. **5812**Welding Process **Unionmelt**

Welder #10

d Rod

Working Press

Date **6-17-47**Serial No. **7**Test Engr. **D. E. Robertshaw**Charge No. **L-5896**Inspector **S. Smyth** Lloyd's 2020

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

002232-002240-0035

Lloyd's Register
Foundation