

S.S. "Conquistador" Glasgow Report No. 8804

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

No. 4614

(Received at London Office, 23 MAY 88)

TESTS OF BOILER STEEL.

Tests of 55 Steel plates manufactured by Messrs. N. Beardmore & Co. of Parkhead for Boiler No. 160 to be constructed by Messrs. D. Rowan & Sons of Glasgow for the S.S. No. 286 building by Messrs. A. & M. Millar Ltd. Dundee.

Date first visit 16th May last visit 21st May No. of visits 2

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 7 samples as set forth below, and the temper and bending tests applied to piece cut off each plate with satisfactory results.

When a second test is applied, the result should be recorded immediately below the record of the original test. The number of plates or bars included in a rejection must be clearly stated.

No.	Description	Charge Mark.	No. of plates or bars in same charge	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Exten. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
	17.5 $\frac{3}{8}$ x 59 $\frac{3}{4}$ x $\frac{3}{32}$	A37		928	.95	1.23	1.168	33.2	28.4	24.0	
	6.1 $\frac{1}{8}$ x 55 $\frac{7}{8}$ x $\frac{7}{8}$	L181		908	.9	1.23	1.107	31.5	28.4	29.0	
	6.9 x 10 $\frac{3}{4}$ x $\frac{3}{4}$	V4		905	.77	1.23	.947	27.2	28.7	32.0	
	4.5 $\frac{1}{2}$ x 10 $\frac{3}{4}$ x $\frac{3}{4}$			949	.63	1.2	.756	21.4	28.2	28.0	
	4.6 $\frac{1}{4}$ x 18 $\frac{1}{2}$ x $\frac{3}{4}$	L141		953	.79	1.2	.948	28.9	27.3	27.0	
	17.2 $\frac{1}{2}$ x 59 $\frac{3}{4}$ x $\frac{3}{32}$	M153		963	.94	1.2	1.128	30.8	27.3	27.0	
	6.9 $\frac{1}{4}$ x 59 $\frac{1}{2}$ x $\frac{3}{4}$	A38		948	.87	1.2	.684	19.4	28.3	27.0	

DR 25/5/88

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register,

Glasgow 21/5/88