



No. 4642

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received at London Office)

**TESTS OF BOILER STEEL.**

Tests of 5 Steel Plates manufactured by Messrs. Beardmore & Co. of Parkhead for Boiler No. 160 to be constructed by Messrs. D. Rowan & Co. of Glasgow for the S.S. No. 286 building by Messrs. A. & W. Millar & Co. of Dumbarton.

Date first visit 21<sup>st</sup> May, last visit 23<sup>rd</sup> May, No. of visits <sup>constant</sup> attendance.

The \_\_\_\_\_ specified in the accompanying copy of Advice Notes were rolled from \_\_\_\_\_ charges. The tensile test has been applied to 2 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.		
1	6.0 $\frac{1}{2}$ Rad 79 $\frac{1}{8}$ x $\frac{7}{8}$	A34		130	'85	1'22	1'037	29.1	28.0	30.0	
2	17.24 x 5.93 $\frac{1}{4}$ x $\frac{3}{32}$	B119		213	'98	1'23	1'285	30.5	25.3	30.0	Defective Sample.
	" " " "	"		-	'48	1'28	1'254	36.1	28.7	29.0	

D.F.  
29/5/88

Fee ..... £ : :  
Expenses £ : :  
£ : : To be paid by

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J. M. Johnstone  
Surveyor, Lloyd's Register  
Glasgow 23/5/88