

No. 2039.

(Received in London Office,

## TESTS OF BOILER STEEL.

Tests of 18 Steel plates manufactured by Messrs J. & W. Beardmore & Co of Parkhead for Boiler No. 459 to be constructed by Messrs Palmer, S. & J. G. of Jarrow for S.S. No. 546 building by Messrs Palmer & Co.

Date first visit 10<sup>th</sup> Sep<sup>r</sup> 1884 last visit 12<sup>th</sup> Sep<sup>r</sup> 1884 No. of Visits 2

The plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests to samples representative of each plate advised, all of which proved satisfactory.

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.	Purpose.	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	16.7 $\frac{1}{2}$ x 64 $\frac{3}{4}$ x $\frac{15}{16}$	M4		694	.96	1.01	.969	28.3	29.2	21.0	
2	8.3 $\frac{1}{2}$ x 35 x $\frac{1}{2}$	B159		167	.51	1.38	.703	19.31	27.4	26.0	
3	9.5 x 35 x $\frac{1}{2}$	F130		417	.51	1.23	.627	17.2	27.4	27.0	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by The Manufacturers

Surveyor, Lloyd's Register

NWC 792-0167

D. F.  
23/9/84

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22/9/84



Steel tests  
Palmer's 5 to 6  
S.S. "Chelsea"  
Nwc. Report No. 18054



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