

No. 1990.

(Received in London Office,

# TESTS OF BOILER STEEL.

Tests of 40 Steel Plate manufactured by Messrs The Steel Co. of Scotland of Newton for Boiler No. 238 to be constructed by Messrs Hall Russell & Co. of Aberdeen for their S. S. No. 238.

Date first visit Aug 22<sup>nd</sup> 1884 last visit

No. of Visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 4 samples as set forth below, and the temper and bending tests to a shearing from 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.	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	52 1/2 x 6 5/8 x 1/16	B28			1853	.81	1.25	1.012	28.5	28.1	20.0
2	13 1/2 x 53 x 1/16	R262			1682	.70	1.25	.875	23.8	27.2	22.0
3	4 6 1/2 x 11 x 1/8	1254			2449	.63	1.25	.787	20.8	26.4	28.5
4	8 7 1/2 x 41 x 1/32	K151			1733	.51	1.25	.637	17.65	27.7	28.5

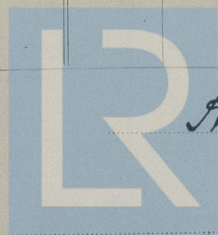
D.P.  
2/9/84  
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Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by



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A. M. Dove

Surveyor, Lloyd's Register,

Glasgow

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