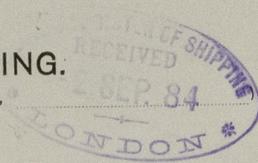


No. 1990.

(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. N. 238.

Date first visit Aug 22nd 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 1/2 rad x 1/16	B28		1853	.81	1.25	1.012	28.5	28.1	20.0	
2	13.1 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 5/8	J254		2549	.63	1.25	.787	20.8	26.4	28.5	
4	8.7 1/2 x 41 x 7/32	K151		1733	.57	1.25	.637	17.65	27.7	28.5	

W.P.
2/9/84

Fee £ : :

Expenses £ : :

£ : :

To be paid by



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A.M. Dove
Surveyor, Lloyd's Register,

Glasgow 1.9.84