



No. 1309

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received in London Office)

TESTS OF BOILER STEEL.

Tests of 44 Steel Plate manufactured by Messrs The Steel Co. of Scotland of Newton for Boiler No. 66 to be constructed by Messrs S. Hodge & Son of London for Messrs Forrest & Sons S.S. No. 2081

Date first visit Aug 20th 1883 last visit Sept 3rd 1883 No. of Visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 5 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	11.10 3/4 x 30 x 3/32	U238		3842	.713	1.19	.852	22.64	26.5	25.0	
2	7.8 x 4.9 x 3.1 x 1/16	T322		3872	.478	1.19	.588	16.83	29.6	24.2	
3	6.7 1/2 x 3.6 1/2 x 1/2	O204		3855	.50	1.19	.597	16.05	26.8	27.3	
4	11.7 1/4 x 4.7 x 1/16	U236		3880	.683	1.19	.812	21.5	26.4	21.8	
5	2.2 1/4 x 1.10 1/2 x 7/8	T314		2899	.86	1.19	1.023	28.18	27.5	21.1	

D.G.
15/10/83

Fee £ : :
Expenses £ : :
£ : :

To be paid by The Steel Manufacturers

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H.M. Dool
Surveyor, Lloyd's Register, Glasgow
12.10.83
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