

Glasgow Report No 4319

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 2485.

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 68 Steel Plate manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 400 to be constructed by Messrs R. Napier & Sons of Glasgow for their S.S. No. 400.

Date first visit June 23rd 1885 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 7 samples as set forth below, and the temper and bending tests as required by Circular No. 438.

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	23.8 3/4 x 62 1/2 x 1	2964		5360	1.0	1.63	1.63	46.82	28.7	27.5	
2	4.9 Rad x 76 1/2 x 9/16	1481		7100	.585	1.115	.652	18.2	27.9	26.5	
3	13.10 1/4 x 48 x 7/8	2969		4797	.63	1.5	.945	25.59	27.0	28.0	
4	5.10 x 66 x 1 1/8	2973		5049	.68	1.5	1.02	27.12	26.5	26.5	
5	15.6 x 58 x 7/8	776		7514	.63	1.59	1.001	28.16	28.1	30.0	
6	15.8 x 70 1/2 x 3/4	2805		192	.76	1.56	1.185	32.05	27.0	28.5	
7	7.10 Rad x 70 1/2 x 7/8	780		7592	.885	1.29	1.141	32.86	28.7	28.5	

hm
17/7/85

Fee £ : :

Expenses £ : :

£ : :

To be paid by

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H.M. Dove
Surveyor, Lloyd's Register,
Glasgow
15.7.85