

Glasgow Report No. 4294.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 2380,

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 101 Steel plates manufactured by The Steel Comp. of Scotland of Glasgow for Boiler No. 102 to be constructed by J. J. Thomson of Glasgow for S.S. No. 30 building by Workman Clark & Co. Belfast.

Date first visit last visit No. of Visits

The 101 plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 11 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	14. 5/2 x 7 10/16 x 1 3/32	J 261			9170	.80	1.27	1.016	29.45	28.9	21.5	
2	13. 0 x 6 9 x 1/2	JL 244			4876	.505	1.3	.656	19.6	30.0	22.5	
3	11. 6 1/2 x 4 5 x 1/2	C 209			5176	.505	1.28	.646	18.4	28.4	25.5	
4	8. 8 x 3 9 x 1/2	J 259			4834	.505	1.3	.656	18.65	28.4	21.5	
5	10. 3 x 3 9 x 1/2	D 216			4883	.52	1.31	.681	17.75	26.0	28.0	
6	5. 11 x 6 7 x 5/8	JL 217			1408	.62	1.13	.70	20.2	28.8	21.5	
7	15. 1 1/2 x 7 4 3/4 x 27/32	J 258			3782	.855	1.24	1.06	31.6	29.8	21.0	
8	15. 1 1/2 x 7 4 3/4 x 27/32	B 212			8690	.86	1.26	1.083	31.5	29.0	28.0	
9	" " " " "	"			8692	.85	1.26	1.071	31.1	29.0	23.5	
10	" " " " "	M 243			8697	.85	1.26	1.071	30.9	28.8	20.5	
11	" " " " "	"			8698	.86	1.26	1.083	32.1	29.6	24.0	

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Fee £ : :

Expenses £ : :

£ : :

To be paid by The Steel Comp.

BEL53-0158

J. H. Landry
Surveyor, Lloyd's Register,

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Foundation

D. G.
17/3/85

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