

Glasgow Report No. 4294.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 2345.

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 63 Steel plates manufactured by the Steel Works of Scotland of Glasgow for Boiler No. 102 to be constructed by Messrs J. & J. Thomson of Glasgow for Hessel's Building by Holkman & Clark.

Date first visit last visit No. of Visits

The 63 plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 8 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	5' 0" x 6' 7" x 5/8	#211			1006.63	1.17	737	20.9	28.3	22.5	
2	11' 6 1/2" x 54" x 1/2	A.215			1108.515	1.16	597	16.8	28.1	25.0	
3	11' 6 1/2" x 60" x 1/2	#214			1026.52	1.07	556	15.6	28.0	21.5	
4	11' 6 1/2" x 50 1/2" x 1/2	m194			1397.515	1.16	597	17.3	28.9	28.0	
5	8' 3 1/2" x 39" x 1/2	#218			1509.51	1.16	591	16.9	28.6	25.0	
6	15' 1 1/2" x 74 3/4" x 2 1/2	G224			2596.84	1.28	1.075	31.5	29.3	21.0	
7	15' 0" x 74 3/4" x 2 1/2	G231			2586.86	1.28	1.10	31.1	28.2	22.0	
8	" " " "	"			2584.85	1.28	1.088	30.5	28.0	21.0	

Fee £ : :

Expenses £ : :

£ : :

To be paid by the Steel Works

BEL53-0156

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

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