

TESTS OF BOILER STEEL.

Tests of 4.3 Steel plates manufactured by The Steel Works of Scotland of Blochairn Glasgow for Boiler No. 306 to be constructed by Messrs W. & J. King & Co of Glasgow for

Date first visit last visit No. of Visits

The 4.3 plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 6 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	5.6 x 52 x 5/8 C 179			3014	635	1.16	736	20.4	27.7	22.7	
2	7.1 x 52 x 1/2 S 692			2596	52	1.19	618	17.1	27.6	26.0	
3	13.3 x 59 3/4 x 3/4 K 196			8853	75	1.16	87	25.4	29.2	21.5	
4	12.6 x 27 x 1/2 L 195			140	51	1.15	586	17.2	29.3	20.0	
5	13.3 x 59 3/4 x 3/4 B 185			3037	745	1.15	856	24.3	28.3	22.0	
6	4.10 x 13 3/4 x 5/8 B 199			5028	62	1.16	719	19.6	27.2	23.0	

Fee £ : :
Expenses £ : :
£ : :

To be paid by The Steel Works
GLS203-0092

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J. H. Sandry
Surveyor, Lloyd's Register,
Glasgow
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