

## TESTS OF BOILER STEEL.

Tests of 44 Steel Plates manufactured by Messrs L & N Beardmore of Parkhead for Boiler No. 7 P to be constructed by Messrs. Muir & Houston of Glasgow for Messrs' Workman Clark & Co. S.S. No. 19

Date first visit 20<sup>th</sup> June/83 last visit 22 June/83 No. of Visits 2

The Steel Plates specified in the accompanying copy of Advice Notes were rolled from 41 charges. The tensile test has been applied to 6 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	Front & back ends	A 93	1	1192	.57	1.51	.86	24.1	28.	27.	
2	Combustion chamber	K 199	2	15	.46	1.32	.607	16.93	27.8	27.5	
3	Front & back ends	K 213	1	1210	.77	1.25	.962	26.79	27.8	29.5	
4	Shell plates	F 85	1	1256	.74	1.25	.925	26.31	28.4	31.	
5	Back Furnace	F 400	1	79	.51	1.44	.734	20.8	28.3	24.	
6	Tube plates	F 50	1	93	.68	1.21	.822	23.41	28.4	26.	

D.S.  
21/7/83

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by the Steel Manufacturers Glasgow.



8/26  
1/20  
1/20  
1/20

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING  
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