

TESTS OF BOILER STEEL.

Tests of 54 Steel plate manufactured by Messrs J & W Beardmore of Parkhead, Glasgow for Boiler No. 222 to be constructed by Messrs J & G Thomson of Glasgow for Messrs J & G Thomsons P.P. No 222.

Date first visit 11/4/84 last visit 9/5/84 No. of Visits 4

The 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 to a shearing from each plate, with satisfactory results.

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.	%	
D	6.2x57x7/2	S21		777	.49	1.52	.744	21.07	28.3	29	
	10.6 1/2 x 5 x 1 1/16	S69		657	.67	1.28	.857	23.7	27.6	30	
	10.10 1/2 x 8 1/2 x 3/8	F126		660	.63	1.29	.812	23.5	28.9	26	
	15.10 x 5 1/2 x 9/16	S73		717	.58	1.38	.8	22.1	27.6	26	
	18.11 1/2 x 7 1/2 x 1"	F62		16	1.	1.01	1.01	29.3	29.	25	
	18.9 1/2 x 7 1/2 x 1"	B92		642	1.01	1.08	1.09	32.04	29.3	28	
	18.4 pad. x 8 1/2 x 1 5/16	S39		820	.91	1.	.91	25.	27.4	26	
	18.11 1/2 x 7 1/2 x 1"	K17		784	.98	1.01	.989	29.3	29.6	28	

Fee £ : :

Expenses £ : :

£ : :

To be paid by Messrs J & W Beardmore

Glasgow

10/5/84

J. S. Thomson

122.



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