



No. 4882

(Received in London)

TESTS OF BOILER STEEL.

Tests of 42 Steel plate manufactured by Mess^{rs} W^m Beardmore & Co^s of Parkhead for Boiler No. 124 to be constructed by Mess^{rs} J & J Thomson of Glasgow for Mess^{rs} Workman & Clarke, S.S. N^o 49.

Date first visit May 19th last visit do No. of visits One.

The 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 to a sample from each plate. The 42 plates were cut from 15 olds.

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.		
	Piri box top.	F 99.	1696	1.57	1.55	.883	26.1	29.5	24	3-3 x 37 x $\frac{9}{16}$	
	Furnace front.	K 41	802	.75	1.06	.795	23.6	29.6	22	7-1 x 74 x $\frac{3}{4}$	
	Top ends	L. 290	794	.82	1.05	.861	25.05	29.	25	7-1 x 60 x $\frac{7}{8}$	
	Furnace front	M 127	792	.84	1.06	.89	24.97	28.	26.5	7-1 x 74 x $\frac{3}{4}$	
	Shraps.	K 45	789	.97	1.05	1.018	29.75	29.2	25	5-0 x 18 $\frac{3}{4}$ x 1"	
	Shell	L 290	880	1.17	1.04	1.216	35.45	29.1	26	20-3 x 73 x $1\frac{3}{16}$.	

DP
2/16/87

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

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 Surveyor, Lloyd's Register,
 Glasgow
 28/5/87
 BELSH-0187