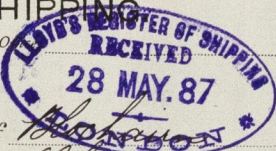


No. 4860

(Received at London)



TESTS OF BOILER STEEL.

Tests of 10 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 124 to be constructed by Messrs J. & J. Thomson of Glasgow for S.S. No. 49 building by Messrs Workman Clark

Date first visit 23/5 last visit No. of visits 1

The 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 Satisfactory

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.		
	Bk. Btm.	E.133	2928	.55	1.16	.638	18.45	28.8	23.5		Cross piece
	Front top	L.120	2986	.695	1.16	.806	21.45	26.6	24		
	Furnace front	"	2987	.62	1.26	.781	21.3	27.2	26		Cross piece
	Firebox btm.	A.143	2997	.51	1.26	.643	17.4	27.0	26.5		- do -
	Furnace	C.144	3045	.51	1.16	.592	16.55	27.9	23		
	Firebox sides	Nil.	3099	.56	1.16	.65	18.9	29.0	24		
	Furnace	J.134	3102	.505	1.26	.636	18.35	28.8	23.5		Cross piece
	Top Bk.	"	3123	.67	1.26	.844	24.3	28.7	25.5		- do -

2/6/87

Fee £ : :
Expenses £ : :
£ : :

To be paid by



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J. M. Roberts
Surveyor, Lloyd's Register.

Glasgow

26/5/87

J. V. J. Thomson's
No. 124 St. St.



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Foundation