

No 4594

(Received at London Office)



TESTS OF BOILER STEEL.

Tests of 23 Steel Plates manufactured by The Steel Co. of Scotland of Glasgow
for Boiler No. 125 to be constructed by Messrs J. J. Thompson of Glasgow
for S. S. No. 134 building by Messrs Aitken & Mansell

Date first visit _____ last visit _____ No. of visits _____

The _____ specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 5 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.	Brlth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
	Firebox sides	C. 77		2879	5.15	1.12	5.77	16.9	29.3	23	
	"	"		2886	5	1.11	5.55	16	28.8	23.5	
	"	"		2897	4.95	1.12	5.54	16.5	29.4	28	
	Shell straps	O. 71		9034	9.15	1.23	1.125	32.2	28.6	26	
	Br. Tube plate	D. 76		3303	8.75	1.23	1.076	31.1	28.9	22.5	

29/3/87

Fee £ : :

Expenses £ : :

£ : :

To be paid by



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J. H. Roberts
Surveyor, Lloyd's Register.
Glasgow
25/3/87

J. J. Thompson
W. 125



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