

No. 4832

(Received in London Office)

TESTS OF BOILER STEEL.

Tests of 16 Steel plates manufactured by The Steel Co. of Scotland of Glasgow
for Boiler No. 283 to be constructed by Messrs. Gourlay Bros. of Dundee
for the S.S. "Waverley" building by the same firm

Date first visit 26/4 last visit 4/5 No. of visits 4

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.	%	
	Firebox	G.111		2937	5.45	1.2	6.54	19.5	29.8	21	
	Shell	M.119		9146	.92	1.32	1.214	35.05	28.8	22	Annealed
	3" 5" d. x 1"	J.107		8573	1.01	1.27	1.283	38.2	29.7	26	
	Shell	E.113		8577	1.16	1.27	1.473	43.8	29.7	24	
	Tube	Ful		8521	1.16	1.27	1.473	41.75	28.2	26.5	
	Plate	A.118		120	.88	1.28	1.126	31.85	28.2	22.5	
	Shell	F.132		8534	1.17	1.15	1.345	40.0	29.7	21	
	"	H.128		8535	1.17	1.15	1.345	39.9	29.6	23	

Adf
21.12.87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register,

Glasgow
16/5/87

Jourlay Bros
No. 283 Br.



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Foundation