

## TESTS OF BOILER STEEL.

Tests of 4 Steel plates manufactured by The Steel Co. of Scotland of Blackburn  
for Boilers No. 253 to be constructed by The London Glasgow & Co. of Glasgow  
for the S.S. No. 253 building by the same Firm

Date first visit 27/9 last visit 29/9/87 No. of visits 2

The specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 4 samples as set forth below,  
and the temper and bending tests to a shearing off each plate, with  
Satisfactory results.

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.	%	
1	Shell Straps	G. 250		9199	1.15	1.16	1.334	39.9	29.9	23	Cross piece
2	Front End Btm	L. 219		2016	.63	1.29	.813	23.2	28.5	24	} For Dky. B <sup>r</sup>
3	Bk. "	H. 230		2974	.545	1.31	.714	20.1	28.1	25	
4	Top "	C. 267		3413	.775	1.16	.899	25.5	28.3	21.5	

1.10.87

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

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J. D. Roberts  
Surveyor, Lloyd's Register  
Glasgow  
29/9/87