

TESTS OF BOILER STEEL.

Tests of 4 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 241 to be constructed by Messrs J. & S. Thomson of Glasgow for the S.S. No 241 building by the same firm  
Date first visit 8/12/87 last visit 12/12/87 No. of visits 2

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 8 samples as set forth below, and the temper and bending tests to a shearing off each plate with satisfactory results.

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	J. 343		8638	1.3	1.13	1.469	43.6	29.6	23	} Cross piece
2		-			1.29	1.21	1.561	46.4	29.7	21	
3	Shell	Stock		8647	"	1.1	1.419	41.9	29.5	22.5	} Cross piece
4		-			"	"	"	42.05	29.6	21	
5	Shell	Stock		8648	1.3	"	1.43	42.5	29.7	23	} Cross piece
6		-			"	"	"	42.1	29.4	24	
7	Front Tube	pc C. 336		8653	.84	1.29	1.084	31.35	28.9	27.5	} - do
8		-			"	1.18	.991	28.25	28.5	28	

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.

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

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J. Roberts  
Surveyor, Lloyd's Register  
Glasgow  
12/12/87  
GLS213 - 0137