

TESTS OF BOILER STEEL.

Tests of 24 Steel bars manufactured by The Steel Co. of Scotland of Newton.  
for Boiler No. 241 to be constructed by Messrs. H. G. Thomson of Clydebank  
for the S.S. 241 Building by the same firm

Date first visit 7th Oct. last visit 13th Oct. No. of visits 2  
Conduct. Attendance

The specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 3 samples as set forth below,  
and the temper and bending tests applied to piece cut off each  
bar with satisfactory results.

No.	Purpose. <i>Dimensions</i>	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.		
	<i>Angles.</i> 3 1/2 x 3 1/2 x 1/2	K174		144	49	1.21	593	16.8	28.3	24.0	
	" " "	"		169	49	"	593	16.7	28.1	28.5	
	" " "	"		170	48	"	580	16.6	28.6	25.0	

D. F.  
18/10/87

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

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J. M. Johnston  
Surveyor, Lloyd's Register.  
Glasgow 13/10/87