

No. 5446

(Received at London Office)



**TESTS OF BOILER STEEL.**

Tests of 3 Steel plate manufactured by The Steel Co. of Scotland of Glasgow  
 for Boiler No. 844 to be constructed by Messrs J. Richardson & Co. of Newcastle  
 for the S.S. "Garth Castle"

Date first visit 13/9 last visit 15/9/87 No. of visits 3

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 to a shearing taken from 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	Furnace Strap	G. 236		920	.435	1.32	.574	15.55	27.0	23.5	
2	" plate	K. 280		1040	.565	1.29	.729	20.85	28.6	27	Cross piece
3	" "	B. 236		1638	.5	1.27	.635	18.5	29.1	22.5	

*Handwritten signature and date: 20.9.87*

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

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*J. Roberts*  
 Surveyor, Lloyd's Register  
 Glasgow  
 15/9/87

*Prof. J. Richardson*  
*W. 844 B.*



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Foundation