

**TESTS OF BOILER STEEL**

Tests of 3 Steel plates manufactured by The Steel Co. of Scotland of Blochairn for Boilers No. 241 to be constructed by Messrs J.W. Thomson of Glasgow for the S.S. No. 241 building by the same firm

Date first visit 26/10/87 last visit 31/10/87 No. of visits 3

The \_\_\_\_\_ specified in the accompanying copy of Advice Notes were rolled from \_\_\_\_\_ charges. The tensile test has been applied to 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	D.283		9217	1.29	1.2	1548	42.0	27.1	24.5	} Cross piece } Donkey 13"
2	"	-	"	1.28	1.18	1.51	45.0	29.8	21		
3	End plate	J.310		9211	.81	1.2	.972	29.05	29.8	21	
4	"	H.270		9218	.77	"	.924	26.15	28.3	22.5	

Attest  
4.11.87

7210-512579

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by \_\_\_\_\_

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 J. Roberts  
 Surveyor, Lloyd's Register.  
 Glasgow  
 31/10/87