



TESTS OF BOILER STEEL.

Tests of 13 Steel plates manufactured by the Steel Co of Scotland's Bochalm for Boilers No. 241 to be constructed by Messrs J.G. Thomson of Glasgow for the S.S. No. 241 building by the same firm

Date first visit 11/10/87 last visit 18/10/87 No. of visits 3

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 5 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	Guide Stays	G. 294		645	1.37	1.16	1.589	45.2	28.5	23.5	
2	Front Tube plate	M. 296		8419	.84	1.19	1.00	28.3	28.3	21.5	} Cross piece
3					.83	1.28	1.062	30.58	28.7	22	
4	Shell	G. 249		8766	1.3	1.15	1.495	44.35	29.6	26	} Cross piece
5					1.29	1.19	1.535	45.0	29.3	21	

Handwritten signature
22.10.87

GLS213-0119

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by _____

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 J. Roberts
 Surveyor, Lloyd's Register
 Glasgow
 18/10/87