

TESTS OF BOILER STEEL.

Tests of 27 Steel plates manufactured by The Steel Co. of Scotland of Bochum for Boiler 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 17/9 last visit 22/9/87 No. of visits 4

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 taken from each plate.

Results Satisfactory

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	Girders Stay	H.224	8932	1.39	1.17	1.626	44.5	27.3	25		
2	Straps	F.264	1913	.975	1.27	1.238	36.25	29.2	23		
3	Front tube plate	M.292	1915	.83	"	1.054	31.35	29.7	24.5		
4	" Straps "	"	1914	.85	"	1.08	31.45	29.1	24.5		
5	Straps	L.219	8982	.945	"	1.2	34.0	28.3	23	Cross piece	

D.P. 24/9/87

Fee £ : :
 Expenses £ : :
 £ : : To be paid by

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J. Roberts
 Surveyor, Lloyd's Register
 Glasgow
 22/9/87

GLS213-0108

Map of J. H. Thomson's
No. 241 Br.



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Foundation