

TESTS OF BOILER STEEL.

Tests of 70 Steel plates manufactured by The Steel & Iron Works of Blochmann
for Boiler No. 241 to be constructed by Messrs J. & S. Thomson of Glasgow
for the S.S. No. 241 building by the same firm

Date first visit 16/9 last visit 20/9/87 No. of visits 2

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 17 samples as set forth below,
and the temper and bending tests to a specimen taken from each
plate, also additional bends (cold) for shell plates. 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	Guide Stays	F.260			1746	1.38	1.12	1546	42.7	27.6	23	
2	Furnace Front	G.264			1774	.79	1.28	1011	27.8	27.4	20.5	
3					"	.785	1.27	.997	27.8	27.9	24	Cross piece
4	Shell	H.288			1777	1.29	1.15	1484	41.0	27.6	5.5	Rejected
5					"	"	"	"	44.35	29.8	16.5	Cross piece
6	Shell	H.288			1778	"	1.27	1638	47.3	28.8	23.5	
7					"	"	"	"	47.85	29.2	24	Cross piece
8	Guide Stays	B.234			1496	1.37	1.14	1562	45.5	29.1	21.5	
9	BK. tube wing	G.261			8767	.86	1.27	1092	28.7	26.2	26	
10	"	C. H.220			8811	.86	1.26	1084	30.5	28.1	26	
11	"	"			8813	.87	"	1096	31.5	28.7	27	Cross piece
12	Shell	F.260			8834	1.29	"	1625	48.25	29.6	21	
13					"	1.28	1.12	1434	42.53	29.6	21	Cross piece
14	Shell Stays	H.222			1845	.95	1.28	1216	33.8	27.7	24.5	
15	"	H.223			1860	.97	"	1242	37.2	29.9	22	
16	"	B.240			1889	.9	"	1152	31.5	27.3	26.5	
17	"	L.216			1896	.95	1.13	1074	31.3	29.1	23	

22.9.87

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GLS213-0107

Fee £ : :
Expenses £ : :
£ : :

To be paid by

© 2021
J. H. Roberts
Surveyor, Lloyd's Register
Glasgow
20/9/87

Map of J. G. Thompson's
No. 241 Br.



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Lloyd's Register
Foundation