

TESTS OF BOILER STEEL.

Tests of 28 Steel plate manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 331 to be constructed by Messrs. The Fairfield Co. of Glasgow for the Steamer R. 331 building by the same firm

Date first visit 1/9 last visit 5/9/87 No. of visits 2

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 12 samples as set forth below, and the temper and bending tests to a shearing of 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	Wg. Bk. Tube plate	L. 193		10 7/10	.835	1.09	.91	25.5	28.0	22	
2	Shell	H. 266		10 7/23	1.05	1.24	1.302	36.4	27.9	24	
3	"	"		10 7/25	1.04	1.25	1.3	36.45	28.0	22.5	cross piece
4	Front Tube pl	L. 193		10 7/35	.795	1.23	.978	27.4	28.0	23	
5	Shell Strap	L. 192		4 3/65	.505	1.14	.918	27.4	29.8	23.5	
6	"	H. 197		4 3/66	.78	1.23	.959	28.0	29.1	24	cross piece
7	Top Front	H. 267		4 3/74	.82	1.09	.894	26.5	29.6	22.5	
8	"	(Aux. 15) H. 200		4 3/84	.81	"	.883	26.2	29.6	23.5	cross piece
9	Wg. Bk. Tube plate	H. 267		4 3/88	.855	1.24	1.06	30.55	28.8	22	
10	Shell (Aux. 15)	G. 247		4 4/07	.935	1.14	1.066	31.75	29.7	21	
11	Shell	F. 244		4 4/27	1.03	"	1.174	33.95	28.9	22.5	
12	" (Aux. 15)	C. 246		4 4/41	1.00	1.13	1.13	33.6	29.7	24.5	

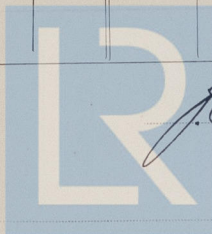
A. L. J. 4.9.87

Fee £ : :

Expenses £ : :

£ : :

To be paid by



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J. H. Roberts
Surveyor, Lloyd's Register.

Glasgow
5/9/87