



TESTS OF BOILER STEEL.

Tests of 38 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 No. 331 building by the same firm

Date first visit 25/8 last visit 1/9/87 No. of visits 3

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 12 samples as set forth below, and the temper and bending tests 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	Firebox	L.186		3780	505	1.17	.591	17.2	29.1	25	
2	"	A.244		3824	.51	"	.597	16.7	27.9	26	cross piece
3	Tube plate	"		3846	.74	1.26	.932	26.7	28.6	23.5	
4	Firebox	L.187		3893	.5	1.17	.585	16.45	28.1	25	
5	Tube plate	J.241		10558	.78	1.16	.905	25.2	27.8	31	
6	Firebox	L.187		3894	.5	1.17	.585	15.4	26.3	23.5	
7	Some Sides	L.187		3912	.37	1.12	.414	11.75	28.3	21.5	
8	Firebox	A.245		3956	.49	1.15	.563	16.1	28.5	27.5	
9	"	A.225		3974	.51	"	.587	16.9	28.7	24.5	
10	"	A.193		4056	.67	1.16	.777	21.25	27.3	24	
11	"	"		4061	.485	1.15	.558	15.6	27.9	23.5	cross piece
12	Shell	F.237		4098	.65	1.16	.754	20.4	29.0	22	

A.L.F. 6.9.87

Fee £ : :

Expenses £ : :

£ : :

To be paid by



© 2021

Lloyd's Register
 Surveyor

Glasgow 1/9/87

Map. The Fairfield S.M.C.
No. 331 Br.



© 2021

Lloyd's Register
Foundation