



TESTS OF BOILER STEEL.

Tests of 14 Steel plates 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 S.S. No. 331 building by the same Firm

Date first visit 6/9 last visit 8/9/87 No. of visits 2

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 10 samples as set forth below, and the temper and bending tests to a shearing taken from 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	Shell	A.253	8525	1.04	1.13	1.175	34.8	29.6	23		
2	"	G.248	8529	1.04	1.27	1.321	38.9	29.4	25		
3	"	"	8543	1.04	1.13	1.175	34.75	29.5	28.5	Cross piece	
4	"	F.244	3	1.03	1.24	1.277	39.55	30.9	22	Rejected	
5	"	D.221	33	1.04	1.09	1.134	36.8	32.4	19	do	
6	"	H.273	128	.96	1.15	1.104	30.5	27.6	24	Cross piece	
7	"	J.256	201	1.05	1.24	1.302	39.15	30.0	21.5		
8	Shell straps	"	203	.78	"	.967	29.1	30.0	21.5		
9	Shell	"	205	.96	"	1.19	35.6	29.9	22	Cross piece	
10	Shell straps	H.204	8570	.8	1.1	.88	25.25	28.6	23.5	do	

Fee £ : :

Expenses £ : :

£ : :

To be paid by

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 Lloyd's Register
 Foundation
 J. Roberts
 Surveyor, Lloyd's Register.
 Glasgow
 8/9/87

Fairfield SBCo
No. 331 Br



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