

Tests of 69 Steel plate manufactured by The Steel Co. of Scotland of Blochairs  
 for Boilers No. 39576 to be constructed by Jas. Rowden & Co. of Glasgow  
 for Messrs Russell & Co. Sp. No. 499  
 Date first visit 5/10/88 last visit 12/10/88 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from  
 charges. The tensile test has been applied to 9 samples as set forth below  
 and the temper and bending tests to a shearing off each plate with  
 satisfactory results.

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	End plate	3/4 F.298		47	.77	1.5	1.155	33.1	28.6	24.5	
2	"	J.307		53	.78	1.32	1.014	30.3	29.8	24.5	Cross piece
3	"	1/8 G.291		624	.895	1.26	1.128	32.3	28.6	23.5	
4	Stays	5/8 M.331		2034	.62	1.09	.676	19.4	28.7	28	
5	"	G.290		2056	"	"	"	20.2	29.8	24.5	
6	B.T.P.	1/16 A.312		4270	.74	1.35	.999	27.1	27.1	27.5	
7	C.C	5/8 A.309		4282	.615	1.37	.843	24.8	29.4	26.5	
8	Straps	1 1/16 G.293		4415	.935	1.32	1.234	33.05	26.7	26.5	
9	Shell	1/4 F.298		218	1.28	1.33	1.702	48.85	28.7	28	Alt

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.

Fee ..... £ : :  
 Expenses £ : :  
 £ : :

To be paid by

J. J. Roberts

Surveyor, Lloyd's Register.

Glasgow

12/10/88

2020

Lloyd's Register

Foundation