

No. 9014

(Received at London Office)



TESTS OF BOILER STEEL.

Tests of 69 Steel plate manufactured by The Steel Co. of Scotland of Blochair
 for Boiler No. 39576 to be constructed by Jas Howden & 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.

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	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		674	.895	1.26	1.128	32.3	28.6	23.5	
4	Stays	5/8 M-331		2057	.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	Stays	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	Mid

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

J. J. Roberts
 Surveyor, Lloyd's Register
 Glasgow
 12/10/88