



TESTS OF BOILER STEEL.

Tests of 14 Steel plates manufactured by Clydesdale Iron & Steel Co. of Maccan
for Boiler No. 315 to be constructed by R. Stephen Hons of Glasgow
for S.S. N° 305 building by R. Stephen Hons.

Date first visit 11th Mar. last visit 18th Mar. 1887 No. of visits 3

The plates specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 5 samples as set forth below,
and the temper and bending tests to samples representative of each
plate advised 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	5-6 x 22½ x 1½	312	3245	1.28	1.2	1.536	43.2	28.1	24		
2	To sketch ¾	13810	3130	.74	1.2	.888	24.6	27.7	23		
3	6-0 x 37 x ¾	F128	3374	.68	1.2	.816	21.2	26.0	27		
4	4-10 x 37 x ¾	F128	3390	.7	1.2	.84	22.4	26.6	28		
5	14-10 x 22½ x 1½	F129	3644	1.3	1.2	1.56	44.45	28.5	27		

Fee £ : :

Expenses £ : :

£ : :

To be paid by

© 2021
J. Thomson
Surveyor, Lloyd's Register,
Glasgow
25/3/87