

TESTS OF BOILER STEEL.

Tests of 71 Steel plate manufactured by Clydesdale Iron & Steel Co. of Mossend
for Boilers No. 1414/195 to be constructed by Hutton & Corbett of Glasgow
for Steamers building by Workman, Clarke & Co. of Belfast
Date first visit 11th Feb. last visit 19th Feb. 1886. No. of visits 2
The plates specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to samples as set forth below,
and the temper and bending tests

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	5-10½ × 27 × ½	D 502		3607	.52	1.245	.647	19	29.3	23.5	
2	4-6 × 27 × ¼	B 419		3621	.69	1.245	.859	24.8	28.8	26	
3	5-6 × 27 × ½	A 77		3624	.525	1.245	.653	18.6	28.4	27	
4	13-4¾ × 54½ × ¾	A 18		3680	.9	1.25	1.125	29.4	26.1	24	
5	4-0 × 27 × ¼	A 19		3691	.68	1.25	.85	24.45	28.7	26	
6	12-11¼ × 59½ × 1⅞	A 87		4070	1.05	1.27	1.333	39.05	29.2	22.5	
7	12-11¼ × 59½ × 1⅞	B 426		4072	1.05	1.25	1.312	38	28.9	22	
8	12-11¼ × 59½ × 1⅞	A 89		4227	1.02	1.245	1.27	34.3	27	28	
9	(58) × 7	A 77		4231	.885	1.245	1.101	31.35	28.4	25	
<div>mm 1.3-85</div>											

M 1.3.85

Fee £ : :
Expenses £ : :
£ : :

To be paid by

J. Thomson

Surveyor, Lloyd's Register.

Lloyd's Register
Foundation

Glasgow
26/2/86