



TESTS OF BOILER STEEL.

Tests of 15 Steel plates manufactured by Clydesdale Iron & Steel Co. of Mossend
for Boilers Nos. 1934/95 to be constructed by Hutton & Corbett of Glasgow
for S.S. building by Workman, Clark & Co. of Belfast.

Date first visit 25th Feb. last visit 19th Mar. 1886 No. of visits 4

The plates specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 7 samples as set forth below,
and the temper and bending tests to samples representative of each
plate advised, all of which proved satisfactory.

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.	Brth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	12-11½ × 59½ × 1½	D 94		4631	1.1	1.25	1.375	39.2	28.5	26	✓
2	4-1 × 19½ × ¾	D 520		4477	.765	1.24	.948	26.8	28.2	25	✓
3	4-1 × 19½ × ¾	D 521		4516	.765	1.23	.941	25	26.5	30	✓
4	12-9½ × 59½ × 1½	D 515		4272	1.11	1.26	1.4	37.9	27	21	✓
5	13-2½ × 63½ × ¾	D 523		4663	.785	1.28	1.004	28.65	28.5	20	✓
6	4-1 × 19½ × ¾	D 107		5019	.8	1.245	.996	28.1	28.2	27	✓
7	4-5½ × ¾	D 530		62	.75	1.26	.945	28.3	29.9	28	✓

M 12-4-86

Fee £ : :
Expenses £ : :
£ : :

To be paid by

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J. L. Thomson
Surveyor, Lloyd's Register
Glasgow
5/4/86