

No. 3349.

TESTS OF BOILER STEEL.

(Received at London Office, 22 FEB. 86)
LONDON

Tests of 65 Steel plates manufactured by Clydesdale Iron & Steel Co. of Mossend
for Boiler No. 299 to be constructed by A. Stephen & Sons of Glasgow
for S. S. No. 299 building by A. Stephen & Sons

Date first visit 29th Jan. last visit 11th Feb. 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 10 samples as set forth below,
and the temper and bending tests to samples representative of each
plate advised all of which proved satisfactory.

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.	Br.th.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	8-7/8 x 61 x 7/8	B3401		2800	4.55	1.26	573	16.1	28.1	26	"
2	6-7/8 x 34 1/2 x 1/2	B3400		2852	5.1	1.265	645	14.3	26.8	26	"
3	5-7/8 x 21 x 1	A 62		2872	4.95	1.25	1243	35.1	28.2	24.5	"
4	4 1/2 Dia. x 3/8	A 64		2915	5.4	1.25	645	14.5	28.8	28	"
5	Back tube plate 5/8	B3408		3021	4.35	1.25	1168	32.05	27.4	26	"
6	8-7/8 x 61 x 7/8	D489		2946	4.8	1.25	6	16.9	28.1	26.5	"
7	3-6 x 10 x 3/4	B3400		2939	4.55	1.25	943	26.05	24.6	26	"
8	4-3 x 24 x 1	B3408		3088	1.03	1.25	1287	34.65	26.9	26	"
9	13-3 1/2 x 54 x 1 1/8	B3399		3535	1.05	1.24	1302	34.4	28.9	22	"
10	3-6 x 10 x 3/4	D498		3201	4.4	1.24	955	28.4	29.4	25.5	"

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Fee £ : :
Expenses £ : :
£ : :

To be paid by Manufacturers Glasgow