

No. 3289

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 8 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 18th Dec. 1885 last visit 20th Jan. 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 4 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.	Brlth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	6-1 x 39 x 7/8	A 12		846	.43	1.21	.52	14.7	28.2	24	
2	6-6 x 64 x 7/8	A 15		873	.525	1.225	.643	14.65	27.4	26	
3	7-6 1/2 x 78	A 16		886	.62	1.28	.793	21.75	27.4	27.5	
4	6-6 x 64 x 7/8	A 38		2135	.5	1.25	.625	16.4	26.2	27	

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by Manufacturers Glasgow