

No. 3008.

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 19 Steel Plates manufactured by the Clydesdale I.S. Co. of Mossend
for Boiler No. 155 to be constructed by Bow Mr Lachlan & Co. of Paisley
for Blackwood London 206

Date first visit 19th Oct 1885 last visit

No. of visits 1

The Plates specified in the accompanying copy of Advice Notes were rolled from
4 charges. The tensile test has been applied to 4 samples as set forth below,
and the temper and bending tests as per report No 438*

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	12'8" (6'4" end) x 5/8	9338		7396	1.245	.685	.853	24.4	28.6	26.0	
2	18'7 3/4 x 5 7/8 x 7/16	8341		7398	1.245	.685	.853	22.9	26.8	27.0	
3	18'7 3/4 x 5 7/8 x 7/16	8364		7306	1.25	.68	.85	23.1	27.2	22.0	
4	11'0 x 28 x 1/2	6278		7212	1.24	.48	.595	16.3	27.3	25.0	

Fee £ : :

Expenses £ : :

£ : :

To be paid by the Clydesdale I.S. Co.

James Ames

Surveyor, Lloyd's Register.

Glasgow

ARW 305-0160