

No. 4746

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 33 Steel Bars manufactured by Messrs D Colville & Sons of Motherwell
for Boiler No. 305 to be constructed by Messrs A. Stephen & Sons of Glasgow
for their S.S. No. 305.

Date first visit April 22nd 1887 last visit April 25th 1887 No. of visits

The 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 to a piece from each bar.

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.	A.rea.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	Stay Bar 2 3/4 Dia P15			5	.84	1.82	1.528	42.9	28.0	28.5	
2	- 1 3/4 - P17			334	1.25	Dia	1.227	35.70	29.0	28.5	

12.27/4/87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

H. M. Dove

Surveyor, Lloyd's Register,

Glasgow

25.48