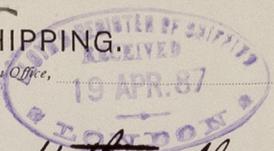


No 4640

(Received in London Office,



**TESTS OF BOILER STEEL.**

Tests of 14 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 307 to be constructed by Messrs A. Stephen & Son of Glasgow for their S.S. No. 307.

Date first visit April 7<sup>th</sup> 1887 last visit April 16<sup>th</sup> 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 shearing from each plate.

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	18.0 x 72, 4.10 1/2 x 18 x 1 1/16	5567		2066	1.09	1.34	14.60	39.83	27.2	24.5	
2	12.5 x 52 SR x 7/8	H304		2264	.90	1.28	1.52	33.41	29.0	26.5	

D.F.  
21/4/87

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by



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H. W. Duncanson  
 Surveyor, Lloyd's Register,  
 Glasgow

10487