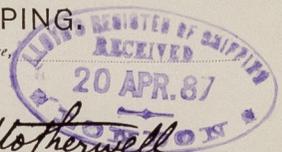


No. 4694



TESTS OF BOILER STEEL.

Tests of 39 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 307 to be constructed by Messrs A. Stephen & Sons of Glasgow for their S.S. No. 307.

Date first visit April 15<sup>th</sup> 1887 last visit April 18<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 3 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	5.5 1/2 x 18 x 1 1/16	H307		3268	1.06	1.26	1.335	40.01	29.9	30.5	
2	3.3 x 9 1/4 x 3/4	H209		3278	.78	2.06	1.606	46.83	29.1	30.0	
3	11.3 x 8 1/2 x 15/32	J985		3512	.48	1.77	.849	25.67	30.2	23.0	

159  
20/4/87

Fee ..... £ : :  
Expenses £ : :  
£ : :

To be paid by



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H.M. Dove  
Surveyor, Lloyd's Register,  
Glasgow  
18.4.87