

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 15th 1887 last visit April 18th 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	5.5½ × 18 × 1 1/16	H307		3268	1.06	1.26	1.335	40.01	29.9	30.5	
2	3.3 × 9½ × 3/4	B209		3278	.78	2.06	1.606	46.83	29.1	30.0	
3	11.3 × 86½ × 15/32	J985		3512	.48	1.77	.849	25.67	30.2	23.0	

DP
20/4/87

Fee £ : :

Expenses £ : :

£ : :

To be paid by



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H.M. Dove

Surveyor, Lloyd's Register,

Glasgow
18.4.87