



TESTS OF BOILER STEEL.

Tests of 41 Steel Bars manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 148 to be constructed by Messrs D. Rowan & Sons of Glasgow for Messrs A. M. Millan & Sons S.S. No. 276.

Date first visit March 1<sup>st</sup> 1887 last visit March 7<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 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.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	Stay Bar 2 5/8 dia 298			1	.75	2.21	1.657	48.30	29.1	23.5	
2	" " " " 2674			2	.86	2.15	1.849	54.0	29.2	25.0	
3	" " " " 2669			3	1.48	2.20	1.720	47.9	27.8	27.0	
4	" " " " 2689			46	.75	2.01	1.507	43.30	28.7	22.5	
5	" " " " "			30	.80	2.01	1.608	46.06	28.6	30.5	
6	" " " " "			22	.73	2.21	1.613	45.67	28.3	29.0	

WP 1/4/87

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by



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A. M. Dove  
Surveyor, Lloyd's Register,  
Glasgow