

TESTS OF BOILER STEEL.

Tests of 227 Steel Plate manufactured by Messrs D. Colville & Sons of Motherwell  
for Boiler No. 203 to be constructed by Messrs Bow McEachlan & Co Paisley  
for Messrs Jas. McArthur & Co S.S. N.

Date first visit October 28<sup>th</sup> 1887 last visit November 2<sup>nd</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 sample from each plate & bar with  
satisfactory results.

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 plate 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	17.9 x 35 1/2 x 9/16	S262	4664	.57	1.97	1.122	29.80	26.5	25.0		
2	5.7 x 32 1/2 x 5/8	Q388	4732	.63	2.09	1.316	37.20	28.2	26.5		
3	15.6 x 68 1/2 x 3/4	H484	4930	.75	2.06	1.545	45.93	29.7	27.0		
4	Angle Bar 3 x 3 x 5/8	P202	1388	.59	1.34	.790	23.50	29.7	23.0		
5	Stay Bars 2 5/8 Dia	D874	6	.77	2.22	1.709	48.44	28.3	25.5		
6	24 x 21 1/2, 3-10 1/2 x 21 1/2, 2.5 x 25 x 1 1/8	K217	5792	1.22	1.39	1.695	50.30	29.6	26.0		

128  
5/11/87

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.

2/11/87