

TESTS OF BOILER STEEL.

Tests of 19 Steel Plate manufactured by Messrs McColville & Sons of Motherwell for Boiler No. 379 to be constructed by Messrs Jas. Howden & Co of Glasgow for Messrs Harland & Wolff, S.S. No. 213.

Date first visit May 10th 1888 last visit May 14th 1888 No. of visits 18

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 with satisfactory results.

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	7.5 $\frac{1}{2}$ Rad x 65 $\frac{1}{2}$ x 7 $\frac{1}{8}$	H664		2188	.89	1.86	1.655	44.40	26.8	28.6	
2	1.7 x 5 $\frac{1}{8}$ 1.7 x 5 $\frac{1}{8}$ x $\frac{15}{16}$	D57		2428	.94	1.08	1.015	28.14	27.7	21.5	
3	2.3 $\frac{1}{2}$ x 7 $\frac{1}{2}$ x 5 $\frac{1}{8}$	D57		2500	.65	1.76	1.144	32.65	28.5	21.0	

D.P.
18/5/88

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.

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

A. M. Dove.
 Surveyor, Lloyd's Register.
 Glasgow
 18-5-88