

TESTS OF BOILER STEEL.

Tests of 44 Steel Plate manufactured by Messrs D. Colville & Son of Motherwell for Boiler No. 379 to be constructed by Messrs Jas. Howden & Co of Glasgow for Messrs Harland & Wolff's S.S. No. 213.

Date first visit May 4th 1888 last visit May 11th 1888 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 5 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	2.3½ x 7½ x 5/8	C192	688	.62	1.88	1.165	32.32	27.7	25.0		
2	15.2 x 44 ¾ x ¾	G573	8	.71	2.05	1.455	39.95	27.4	26.0		
3	9.10 x 32½ x 5/8	H 658	520	.66	1.66	1.095	30.25	27.6	25.0		
4	7.5½ Rad x 79¼, 30 x 14 x ¾	D48	617	.75	1.97	1.477	41.02	27.7	25.0		
5	7.5¼ x 58½ x 9/16	B359	1347	.55	1.71	.940	28.66	30.4	25.0	}	
				.56	1.63	.912	26.60	29.1	26.0		

BP 17/5/88

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. McDove

Surveyor, Lloyd's Register,

Glasgow 12.5.88