

TESTS OF BOILER STEEL.

Tests of 40 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 380 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 14th 1888

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 shearing from each plate 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 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	15.2 x 44 3/4 x 3/4	6577		1391	76	1.69	1284	36.70	28.5	27.0	
2	9.1 1/4 x 47 x 9/16	N342		1002	.58	1.74	1.009	28.78	28.5	28.0	
3	15.0 x 44 3/4 x 3/4	6577		1986	74	1.98	1.465	43.12	29.4	29.0	
4	6.4 x 43 x 11/16	D44		2272	.70	2.07	1.449	42.04	29.0	26.0	
5	2.3 1/2 x 7 1/2 x 7/8	D37		2500	.65	1.76	1.144	32.65	28.5	21.0	

DF 18/5/88

Fee £ : :

Expenses £ : :

£ : :

To be paid by

A. M. Dowd

Surveyor, Lloyd's Register.

Glasgow 16588