

No. 2651



TESTS OF BOILER STEEL.

Tests of 15 Steel Plates manufactured by Messrs 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 17th 1888 last visit May 21st 1888 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 4 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	7.5 1/4 x 58 1/2 x 9/16	2840			3924	.58	1.78	1.032	30.37	29.4	22.5	
2	7.6 1/2 Rad x 50 1/4 x 3/4	2593			3759	.77	1.89	1.455	40.05	27.5	32.0	
3	7.5 1/2 - x 65 1/2 x 7/8	244			3607	.88	1.50	1.320	37.78	28.6	24.5	
4	6.1 x 10 3/4 x 8.8 x 10 1/4 x 7/8	2342			4238	.87	1.08	.939	25.47	27.1	22.5	

D.P.
29/5/88

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

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 H.M. Dove
 Surveyor, Lloyd's Register
 Glasgow
 24.500