



No. 4548

TESTS OF BOILER STEEL.

Tests of 3 Steel Plates manufactured by Messrs D Colville & Sons of Motherwell for Boiler No. 379/80 to be constructed by Messrs Jas Howden & Co of Glasgow for Messrs Harland & Wolff's S.S. No. 213

Date first visit May 7th 1888 last visit May 14th 1888 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 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	Shell Plate	4577		1190	1.28	1.15	1.472	41.88	28.4	26.0	
2	" "	Stock		1346	1.29	.94	1.212	32.72	27.0	29.0	
3	" "	2556		2088	1.31	.96	1.257	34.00	27.0	26.0	

W.P.
7/5/88

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

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 H. N. Dove
 Surveyor, Lloyd's Register,
 Glasgow
 14.5.88