

TESTS OF BOILER STEEL.

Tests of 6 Steel plates manufactured by Messrs. N. Beardmore & Co. of Parkhead for Boiler No. 160, to be constructed by Messrs. D. Howan & Son of Glasgow for the S.S. No. 286, building by Messrs. A. McMillan & Co. of Dumbarton. Date first visit 5th June, last visit 11th June. No. of visits 2. Constant attendance.

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 applied to piece cut off each plate with satisfactory results.

No.	Description.	Charge Mark.	No. of plates or bars in same charge.	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Extens. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
	4.6 x 24 x 3/4 A22		935	78	1.28	998	38.6	38.6	22.0		Rejected 1 plate.
	24 9.1 1/4 x 10 3/4 x 3/4 M176		15	74	1.24	917	24.7	26.9	29.0		
	4.6 x 24 x 3/4 B145		369	75	1.27	952	25.7	26.9	30.0		

W.M.D.

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Johnstone
Superior, Lloyd's Register,
Glasgow 11/6/88