



No. 1496.

(Received in London Office)

TESTS OF BOILER STEEL.

Tests of 2 Steel Plates manufactured by Messrs. J. & W. Beardmore of Parkhead, Glasgow for Boiler No. 77 to be constructed by Messrs. Muir & Houston of Glasgow for Messrs. Murdoch & Murray's S.P. No. 77

Date first visit 23/11/83 last visit 26/11/83 No. of Visits 2

The Plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 1 sample 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.		
	80 diameter $\frac{1}{2}$ "	F328		1860	.57	1.5	.765	21.23	27.7	24	

R.J.
25/11/83

GRK 302-0201

Fee £ : :
Expenses £ : :
£ : :

To be paid by Messrs. J. & W. Beardmore Glasgow
Surveyor, Lloyd's Register, J. M. Andrews
27/11/83