

No. 824.

(Received in London Office, RECEIVED 30 MAY 1883.)

# TESTS OF BOILER STEEL.

Tests of 6 Steel plates manufactured by the Steel Company of Scotland of Newton, Glasgow for Boiler No. 2A/87 to be constructed by Messrs McIlwaine & Lewis of Belfast for S.S. No. 19 building by Messrs McIlwaine & Lewis of Belfast

Date first visit 13<sup>th</sup> March/83 last visit 14<sup>th</sup> March/83 No. of Visits 2

The Steel plates specified in the accompanying copy of Advice Notes were rolled from 5 charges. The tensile test has been applied to one sample as set forth below, and the temper and bending tests to samples representative of each plate advised. All of which proved satisfactory.

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	5' 2 1/2" x 57" x 50" x 3/8"	S148	2	3/34	.358	1.21	.433	12.50	28.9	25.0	✓

Fee ..... £ : :  
 Expenses £ : :  
 £ : :

To be paid by the Steel Manufacturers

Charles Edwards  
 Surveyor, Lloyd's Register,

Lloyd's Register  
 Foundation  
 Glasgow