

No. 685

(Received in London Office) RECEIVED 25th JAN 83

TESTS OF BOILER STEEL.

Tests of 12 Steel plates manufactured by the Steel Co^y of Scotland of Newton Glasgow for Boiler No. 184 to be constructed by Messrs M^r: Swaine & Lewis of Belfast for S.S. No. 18, building by Messrs M^r: Swaine & Lewis of Belfast
Date first visit 8th Dec/82 last visit 11th Dec: 1882 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 2 samples as set forth below, and the temper and bending tests to samples representative of each plate advised. all 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	7.6 x 56 1/2 x 3/8	L423	4	606	.4	1.22	.488	14.52	29.7	28.1	
2	4.2 x 33 x 3/8	B402	2	612	.39	1.22	.475	12.5	26.3	29.6	

mm 25-1-83

Fee £ : :
Expenses £ : :
£ : :

To be paid by the Steel Manufacturers Glasgow
Charles Edwards
Surveyor, Lloyd's Register
Foundation 24/1/83