

No. 1693

(Received in London Office,

12 MAR. 84

TESTS OF BOILER STEEL.

Tests of 10 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 170 to be constructed by Messrs Harland & Wolff of Belfast for the S/S No 170 building by them

Date first visit last visit 8/3/84 No. of Visits

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 as required by Circular No 438

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 Butt Steps	8507		4820	635	1-14	723	20.5	28.3	26.5	The remainder of the plates advised were tested by the Steel Co. and the results stamped upon each plate.
2	Furnace crown	7500		4043	52	1-13	676	19.6	29.0	21.5	
3	Combustion Chamber	7561		433	575	1-12	576	15.9	27.6	25.	

Fee £ : :

Expenses £ : :

£ : :

To be paid by The Steel Co.

Surveyor, Lloyd's Register,

James Webb
Glasgow 11/3/84