

No. 4546

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 77 Steel Bars manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 941 to be constructed by Messrs Blair & Co of Stockton for Messrs Turnbull & Sons S.S. No. 100

Date first visit February 28th 1887 last visit No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 2 samples as set forth below, and the temper and bending tests to a piece from each bar

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.	Rivet Bars 1/4 dia	8455		89	1.25	dia	1.227	35.13	28.6	27.0	
2	" " " "	"		92	"	"	"	35.0	28.5	29.0	

D.P.
29/3/87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

STK914-0221

Surveyor, Lloyd's Register,
Glasgow

23.3.87