

No. 4945

TESTS OF BOILER STEEL.

Tests of 9 Steel Plate manufactured by Messrs Colville & Sons of Motherwell for Boiler No. 154 to be constructed by Messrs Rankin & Blackmore of Greenock for Messrs Russell & Co. S.S. No 197.

Date first visit June 14<sup>th</sup> 1888 last visit June 21<sup>st</sup> 1888 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 1 samples 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.	%	
1	Outside Shell Plate C241			3589	1.10	1.22	1.342	39.20	29.2	25.0	

MS

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

To be paid by

GR310-0156

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