

No. 4984

(Received at London Office, 29 JUN. 88)

## TESTS OF BOILER STEEL.

Tests of 2 Steel Plates manufactured by Messrs D 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 26<sup>th</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 sample as set forth below, and the temper and bending tests to a shearing from each plate with satisfactory results

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	D88		4738	1.06	1.13	1.197	3234	27.0	25.0	
											M 4.7.88

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

H. M. Done

Surveyor, Lloyd's Register.

27.6.88

Glasgow