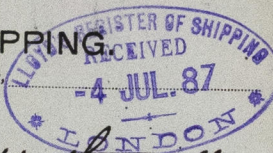


No. 5119

## TESTS OF BOILER STEEL.



Tests of 18 Steel Bars manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 254/5 to be constructed by Messrs W. B. Thompson & Co of Dundee for their S.S. No. 81

Date first visit June 30<sup>th</sup> 1887 last visit July 1<sup>st</sup> 1887 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 piece from each bar with satisfactory results

No.	Purpose.	Charge Mark.	No. of plates or bars in same charge.	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Extens. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	Panel Bars 7/8" dia B14			26	.87	Dia	.594	17.17	28.9	28.5	

DP  
47/87

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

To be paid by

*W. J. Conacher-Dutton, H. M. Dove.*

Surveyor, Lloyd's Register.

2-7-87