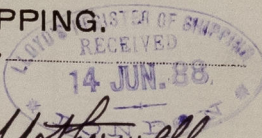


No. 4831

(Received at London Office,



TESTS OF BOILER STEEL.

Tests of 12 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 378 to be constructed by Messrs The North Eastern M.E. Co of Sunderland for Messrs Robert Thompson & Sons S.S. No 150

Date first visit June 5th 1888 last visit June 8th 1888 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 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	To Tracing $\times \frac{3}{4}$ 5613			456	7.5	21.4	1.605	45.29	28.2	26.0	
2	19.8 x 24 $\frac{1}{2}$, 16 $\frac{1}{2}$ x 24 $\frac{1}{2}$ 11494			769	.50	1.44	.720	20.54	28.5	23.0	
											W.M.D.

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by



A.M. Dove

Surveyor, Lloyd's Register.

11.6.88