

No. 4581

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received in London Office)

TESTS OF BOILER STEEL.

Tests of 18 Steel Plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 839 to be constructed by Messrs Thos Richardson & Sons of Hartlepool for Messrs E. H. & Co's S.S. No. 147.

Date first visit March 21st 1887 last visit March 28th 1887 No. of visits

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

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	7.3 R x 68 x 3/4	244		4734	.76	1.27	.965	27.24	28.2	27.0	
2	20.10 x 57 x 1 1/2	542		3317	1.11	1.15	1.276	38.05	29.8	24.0	
3	7.3 R x 64 1/2, 2.6 x 27 x 1 1/2	8970		5512	1.08	1.57	1.63	46.92	28.7	21.5	
4	5.4 1/2 x 52 x 3/8	545		5638	.88	1.30	1.144	31.88	27.8	23.5	

158.
102/4/87

5720-S1615

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register,