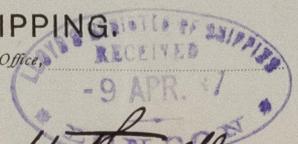


No. 4581

(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. White & 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 2 x 1 1/2	970	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	1.444	31.88	27.8	23.5		

158
10/4/87

STK915-0264

Fee £ : :
 Expenses £ : :
 £ : : _____

To be paid by _____

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Andrew
 Surveyor, Lloyd's Register,
 Glasgow
2.4.87