



No. 2369.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of ~~20~~ Steel plate manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 197 to be constructed by Messrs Wigham Richardson of Newcastle-on-Tyne for S.S. ~~192~~ building by the same firm

Date first visit last visit No. of Visits

The ~~20~~ steel plates 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 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.		
	5 6 1/2 x 1 1/2 x 1/2	4897		1810	.80	1.23	1.100	20.22	27.3	25.0	
	2 6 x 2 1/2 x 1/2	4898		815	1.21	1.21	1.464	44.86	30.6	29.0	
	8 9 x 6 1 x 5/8	4841		2790	.625	1.27	.793	21.72	27.3	28.0	
	7 8 1/2 x 6 1 x 5/8	4900		2796	.64	1.39	.889	24.47	27.5	28.0	
	18 4 1/2 x 6 6 1/2 x 1/2	4544		5128	1.05	1.38	1.449	42.10	29.0	28.0	
	22 1 1/2 x " x "	4852		7912	1.06	1.34	1.42	40.45	28.4	26.5	
	28 4 1/2 x " x "	4856		1276	1.06	1.34	1.42	43.12	30.3	26.5	

13/3/85

Fee £ : :

Expenses £ : :

£ : :

To be paid by Messrs D. Colville & Sons

Surveyor, Lloyd's Register,

Wm Andrews

11/3/85