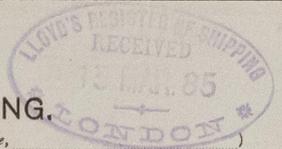


NWC794-0149



LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 2369.

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of ~~75~~ 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 ~~50~~ 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 3/4 x 1/8	7897		1510	.80	1.23	1.100	20.22	27.0	25.0	
	2 6 x 2 5/8 x 1/8	851K		815	1.21	1.21	1.464	44.86	30.6	29.0	
	8 9 x 6 1 x 5/8	8841		2790	1.25	1.27	.793	21.72	27.3	28.0	
	7 8 1/2 x 6 1 x 5/8	7900		2796	.64	1.39	.889	24.47	27.5	28.0	
	18 4 1/2 x 6 6 1/2 x 1/2	8544		5128	1.05	1.38	1.449	42.10	29.0	25.0	
	22 1 1/2 x " x "	8882		7912	1.06	1.34	1.42	40.45	28.4	26.5	
	25 4 1/2 x " x "	8804		1276	1.06	1.34	1.42	43.12	30.3	26.5	

M 13/3/85

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by Messrs. D. Colville & Sons



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Wm Andrews
 Surveyor, Lloyd's Register
 Foundation

11/3/85