

No. 1440 LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 14 Steel plates manufactured by Messrs D. Colville & Sons of Motherwell for Boiler No. 870 to be constructed by Messrs Blair & Co of Stockton for S.S. No. 145 building by Messrs Aushen & Sons, (Sunderland)

Date first visit 5/11/83 last visit 9/11/83 No. of Visits 3

The plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests to samples representative of each plate advised. All of which proved satisfactory.

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	16.2 1/4 x 44 3/4 x 15/16	L192		174	.92	1.57	1.444	39.1	27.0	24.0	
2	16.0 1/2 x 44 3/4 x 15/16	L195		896	.92	1.41	1.297	37.3	28.7	21.0	
3	8.3 Rad x 86 x 7/8	B886		1038	.81	1.39	1.125	32.15	28.5	25.5	PM 21/11/83

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by the manufacturers

Chas. Edwards

Surveyor, Lloyd's Register,

Glasgow 19/11/83