

Glasgow Report No. 6803.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 1860.

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 72 Steel plates manufactured by Messrs J & W Beardmore of Parkhead, Glasgow for Boiler No. 288 to be constructed by Messrs Denny & Co of Dumbarton for Messrs W Denny & Co Ltd. S.P. No. 282

Date first visit 30/4/84 last visit 21/5/84 No. of Visits 6

The plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 10 samples as set forth below, and the temper and bending tests to a shaving from each plate, 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.	%	
D	15.9 x 5 2 1/2 x 5/8	A66		679	.63	1.23	.774	21.84	28.2	26	
	6.8 1/4 x 5 3 x 1/16	A82		674	.67	1.23	.824	23.28	28.2	28	
	6.8 5/8 x 5 6 1/8 x 13/16	B89		901	.52	1.	.82	23.5	28.6	30	
	7.8 x 7 0 1/2 x 1/2	A98		826	.54	1.27	.685	18.93	27.6	34	
	5 10 1/2 x 6 8 1/2 x 1/16	L11		531	.7	1.26	.882	24.45	27.7	28	
	8.3 1/2 x 4 9 x 1/2	A77		549	.55	1.35	.742	20.85	28.	31	
	19.5 1/4 x 5 5 3/4 x 1/16	L12		111	.7	1.1	.77	22.7	29.4	27	
	61 dia x 5/8	L14		162	.62	1.23	.762	20.13	26.4	26	
	" " "	A74		307	.64	1.11	.71	19.2	27.	25	
	4 1 1/2 x 10 1/2 x 1/2	A57		615	.53	1.1	.583	16.5	28.3	22	

Fee £ : :
Expenses £ : :
£ : :

To be paid by Messrs J & W Beardmore Glasgow
Surveyor, Lloyd's Register
27/5/84
26/6/84

GL5201-0072