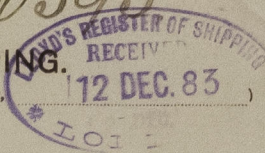


Glasgow Report No. 6660. + 6593

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

No. 1520

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 176 Steel Plates manufactured by Messrs J & W. Beardmore of Parkhead, Glasgow for Boiler No. 242144 to be constructed by the London & Glasgow S.S. Co. of Glasgow for the London & Glasgow S.S. Co. S.S. No. 242144.

Date first visit 24/10/83 last visit 7/12/83 No. of Visits 14

The Plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 23 samples as set forth below, and the temper and bending tests to a shearing 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.		
	7 1/2 x 6 3/4 x 1 1/2	K278		1848	.85	1.01	.858	23.69	27.6	26	
	7 1/2 x 6 3/4 x 1 1/2	A312		1137	.64	1.2	.768	22.	28.6	25	
	7 1/2 x 7 1/2 x 1 1/2	B303		1409	.56	1.36	.761	21.1	27.7	30	
	7 1/2 x 5 8 x 1 1/2	B334		1459	.45	1.37	.616	16.88	27.4	28	
	7 1/2 x 5 7 x 1 1/2	K285		1590	.75	1.2	.9	25.51	28.3	24	
	7 1/2 dia x 1 1/2	A312		1488	.57	1.27	.723	19.92	27.4	29	
	1 1/2 x 6 1/2 x 1 1/2	A313		1545	.62	1.27	.787	22.18	28.1	26	
	1 1/2 x 6 3/4 x 1 1/2	F148		1513	.8	1.05	.84	23.28	27.7	25	
	8 1/2 x 5 1 x 1 1/2	D203		1587	.38	1.47	.558	15.51	27.7	25.5	
	8 3/4 x 5 1 x 1 1/2	F312		1733	.38	1.4	.532	14.7	27.6	22	
	1 1/2 x 6 3/4 x 1 1/2	F373		1866	.81	1.28	1.036	27.8	26.8	31	
	6 7 x 3 3 x 1 1/2	F321		2655	.44	1.16	.51	14.1	27.6	22	
	6 10 x 5 x 1 1/2	F212		2658	.43	1.16	.498	14.5	29.1	27	
	6 7 x 3 3 x 1 1/2	K168		2659	.43	1.41	.606	17.28	28.5	26	
	5 10 x 3 3 x 1 1/2	F306		2709	.43	1.46	.627	17.1	27.2	29	
	6 2 x 3 3 x 1 1/2	D309		2829	.44	1.46	.642	17.8	27.7	30	
	4 9 x 3 2 x 1 1/2	A180		2599	.43	1.4	.602	17.83	29.6	26	
	5 7 x 5 4 1/2 x 1 1/2	A335		1974	.62	1.27	.787	21.85	27.7	26	
	7 1/2 dia x 1 1/2	D315		1135	.57	1.25	.712	20.38	28.6	26	
	7 10 x 7 4 1/2 x 1 1/2	B332		1566	.52	1.5	.78	21.65	27.7	31	
	6 7 x 3 3 x 1 1/2	B19		1874	.44	1.44	.633	17.14	27.	28	
	8 2 1/2 x 5 1 x 1 1/2	F343		12	.49	1.49	.73	19.9	27.2	26	
	8 2 1/2 x 5 1 x 1 1/2	F350		142	.5	1.26	.63	17.2	27.3	31	

B.S. 12/12/83

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Messrs J & W. Beardmore Glasgow

Surveyor, Lloyd's Register,