

No. 3632

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 48 Steel plates manufactured by Messrs J & W. Beardmore of Parkhead
for Boiler No. 295 to be constructed by Messrs Blackwood & Gordon of Port Glasgow
for S.S. 212 building by the Firm.

Date first visit 20. 5. 86 last visit ☒ No. of visits ☒

The 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 proved satisfactory for each
plate advised.

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	13.2 x 56 x 3/4	Q121			429	.74	1.3	.962	27.36	28.4	27
2	12.6R x 57 1/2 x "	Q118			450	.76	1.3	.988	28.0	28.3	29
3	13.2 x 55 x "	Q119			498	.74	1.08	.799	22.06	27.6	27
4	6.6R x 56 x 1 1/16	B111			492	.9	1.1	.99	27.75	28.0	20
5	5.2 x 22 x 7/8	B115			482	.85	1.05	.892	24.52	27.4	29
6	12.9 x 62 x 1 1/16	K127			740	1.06	1.02	1.081	31.11	28.7	24
7	6.6R x 56 x 1 1/16	Q164			707	.92	1.02	.938	26.8	28.5	27

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.