

Let to Nshlads 28/9/81

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 94

(Received in London Office, 27.9.81)

TESTS OF BOILER STEEL.

Tests of 96 Steel plate manufactured by Messrs J. & W. Beardmore of Parkhead for Boilers Nos. 11198/1120 to be constructed by Messrs Tho. Blunk & Co. of Newcastle on Tyne for steam vessel No 2 building by Messrs Campbell Macintosh & Co. Ltd.

Date first visit 1st August 1881 Last visit 2nd Sept 1881 No. of Visits 5

The steel plate specified in the accompanying copy of Advice Notes were rolled from 39 charges. The tensile test has been applied to 10 samples as set forth below, and the temper and bending tests to samples representative of 108 plate, 12 of which having failed in the bending test were rejected. All the others were 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	22' 1/2" x 44 7/8" x 3/4"	K188	1	108	.74	1.25	.925	24.52	26.5	22.	
2	10-8 1/4" x 40 1/2" x 1 1/8"	D213	1	121	.8	1.25	1.	28.87	28.87	23.	
3	5-6" x 8 1/8" x 1/2"	B204	6	850	.56	1.53	.856	24.51	28.6	25.	
4	7-2" x 26" x 1 1/2"	F196	1	166	.54	1.46	.788	21.8	27.7	29.	
5	7-10" x 5" x 3/8"	B218	12	828	.4	1.27	.508	14.06	27.6	25.	
6	7-8" x 5" x 3/8"	D209	24	532	.4	1.42	.568	15.64	27.5	25.	
7	9-10" x 54 1/2" x 1/2"	F201	1	536	.52	1.27	.66	17.75	26.8	28.	
8	22-1 1/2" x 44 7/8" x 3/4"	A151	2	33	.76	1.23	.934	26.93	28.8	28.	
9	10-11" x 48" x 9 1/16"	F219	2	176	.58	1.22	.707	20.18	28.5	27.	
10	10-11" x 48" x 9 1/16"	F219	2	176	.58	1.22	.707	20.18	28.5	27.	
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28/9/81

Fee £ : :

Expenses £ : :

£ : :

To be paid by Messrs J & W Beardmore

William Kelso
Surveyor, Lloyd's Register,
Glasgow