

S. S. Landaura "Glasgow Report" No 4493
No 2698

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

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TESTS OF BOILER STEEL.

Tests of 165 Steel Plates manufactured by The Steel Works of Scotland of Glasgow
for Boiler No. 300 to be constructed by Sennet & Co of Glasgow
for S.S. No. 207 Building by Sennet Bros

Date first visit last visit No. of visits

The 165 plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 17 samples as set forth below, and the temper and bending tests As required by circular No 438

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	11.5/4 x 68 3/4 x 1/4	H352		9218	1.26	1.14	1.456	40.3	28.0	25.5	
2	7.0 x 47 x 9/16	C215		5798	.59	1.27	.749	20.4	27.7	22.5	
3	6.6 x 47 x 9/16	H353		5871	.56	1.00	.56	15.75	28.1	25.0	
4	5.2 x 47 x 9/16	"		5872	.56	1.27	.711	20.8	29.2	23.0	
5	5.8 x 35 x 1/16	H306		9051	.7	1.28	.896	24.5	27.3	30.5	
6	13.8 3/4 x 64 x 1/4	J348		8517	1.24	1.00	1.24	36.0	29.0	20.0	
7	6.2 3/4 x 54 x 3/4	C347		7616	.73	1.18	.861	25.6	29.6	26.0	
8	14.4 1/4 x 68 3/4 x 1/4	A348		8557	1.26	1.04	1.31	40.38	30.8	25.0	
9	11.11/2 x 64 x "	A346		8558	1.23	1.04	1.279	36.9	28.8	23.0	
10	16.4 3/4 x 64 x "	C325		8568	1.24	1.04	1.289	40.0	31.0	22.5	
11	2.8 x 23 1/2 long x 3/4	B309		554	.73	1.25	.92	25.4	27.8	30.0	
12	13.8 3/4 x 64 x 1/4	J386		8586	1.25	1.14	1.425	41.8	29.3	25.0	
13	16.4 3/4 x 64 x 1/4	C327		8625	1.28	1.01	1.293	39.0	30.1	20.0	
14	6.2 3/4 x 54 long x 3/4	C342		4251	1.17	.76	.889	24.35	27.3	25.0	
15	3.2 x 2.11 x 2.7 x 1/16	J367		9103	.695	1.17	.813	24.15	29.6	23.5	
16	4.4 1/2 x 47 x 9/16	J367		9110	.565	1.17	.661	18.25	27.6	25.0	
17	69/2 x 7.1 1/2 x 3/4	J381		7491	.75	1.18	.885	24.3	27.4	24.0	

Fee £ : :
Expenses £ : :
£ : :

To be paid by The Steel Works

D.S. 17/6/85
J. S. Landaura & Co
Surveyors Lloyd's Register,
Glasgow