

S.S. "Glen" Glasgow Report No. 8331
No. 5423

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received at London Office)



TESTS OF BOILER STEEL.

Tests of 24 Steel plates manufactured by The Steel Co. of Scotland of Glasgow
for Boilers No. 331 to be constructed by Messrs. The Fairfield Co. of Glasgow
for the S.S. No. 331 building by the same firm

Date first visit 9/9 last visit 12/9/87 No. of visits 2

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 20 samples as set forth below,
and the temper and bending tests to a specimen taken 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.	Brlth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	King Plate	H. 208		333	.81	1.11	.899	24.4	27.1	29.5	
2	Top Front	"		334	.84	1.21	1.016	28.9	28.4	24.5	
3	Shell	L. 202		419	1.02	"	1.234	36.25	29.3	22.5	
4	"	A. 258		436	"	"	"	33.1	28.4	25.5	
5	"	H. 274		443	"	1.11	1.132	31.5	27.8	27.5	
6	"	A. 258		453	1.00	1.21	1.21	33.5	27.6	25.5	
7	"	"		472	1.01	1.11	1.121	32.5	28.9	22	
8	Top Front	G. 254		652	.82	1.15	.943	26.5	28.1	23	
9	Shell	"		653	.97	"	1.115	30.35	27.2	22	
10	"	C. 250		654	1.04	1.21	1.238	37.4	29.7	26	
11	"	"		655	"	"	"	36.65	29.1	24.5	
12	Front Tube plate	G. 254		606	.735	1.22	.897	26.0	28.9	22	
13	Shell	H. 277		634	1.07	"	1.305	36.6	28.0	23	Cross piece
14	Front Tube plate	H. 210		649	.735	"	.897	24.3	27.0	24.5	- do -
15	Bottom Back	G. 254		678	.66	1.24	.818	22.65	27.6	30.5	
16	Shell	C. 250		748	1.06	1.23	1.304	36.2	27.7	26	Cross piece
17	"	C. 252		770	"	1.24	1.314	39.35	29.9	21	
18	Top Front	G. 255		802	.84	1.26	1.058	28.65	27	23	
19	Shell	F. 205		8634	1.03	1.25	1.288	36.15	28	24.5	
20	"	"		8636	1.04	1.26	1.31	35.6	27.1	25.5	

14.9.87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.

Glasgow

13/9/87