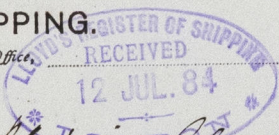


British King

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

No. 1934

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 106 Steel plates manufactured by The Steel Co. of Scotland of Glasgow for Boiler No. 180 to be constructed by Messrs. Harland & Wolff of Belfast for the S/S No. 180 building by them.

Date first visit last visit 20/6/84 No. of Visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 13 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	Shell plate	4594	✓	A70	.81	1.15	.931	27.7	29.7	16.5	Sample cracked.
2	- do -	-	-	-	.75	1.13	.847	25.2	29.7	23.5	Duplicate satisfactory
3	- do -	2650	✓	4368	.8	1.14	.912	24.05	28.3	25.5	
4	- do -	2659	✓	4199	.74	1.12	.828	24.15	29.1	25.	The remainder of
5	- do -	2659	✓	97	.73	1.14	.832	23.0	27.6	27.	the plates advised
6	- do -	2659	✓	3133	.5	1.17	.585	16.3	27.8	25.	were tested by the
7	Back Tube plate	2624	✓	8874	.71	1.17	.83	22.8	27.4	23.	Steel Co. and the
8	- do -	2399	✓	8875	.68	1.16	.788	22.8	28.9	24.	results stamped
9	Comb. Chamber	2645	✓	8901	.48	1.16	.558	15.3	27.5	25.	upon each plate
10	Receiver	2656	✓	2436	.38	1.07	.406	11.4	28.1	24.	
11	Back Tube plate	4657	✓	8818	.72	1.16	.828	23.1	27.9	21.	
12	- do -	4679	✓	8724	.79	1.17	.924	27.5	29.7	21.	
13	Receiver Endo	2676	✓	1146	.5	1.17	.585	16.4	28.0	25.5	

D-4
21/7/84

Fee £ : :
Expenses £ : :
£ : :

To be paid by The Steel Co. of Scotland Glasgow 4/7/84

Surveyor, Lloyd's Register,