

No. 1428

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received in London Office)

TESTS OF BOILER STEEL.

Tests of 123 Steel plates manufactured by The Steel Co. of Scotland of Glasgow, Glasgow
for Boilers No. 7526-7 to be constructed by The Royal Wm. Scheldt of Humber
for S/S No. 40, 1-2 building by them.

Date first visit

last visit 6/11/83

No. of Visits

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 10 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.		
					In.	In.	In.	Tons.	Tons.	%	
1	Shell plates	K413		3076	.82	1.13	.926	25.0	26.9	22.5	The remainder of the plates advised were tested by the Steel Co. & the results stamped upon each plate.
2	- do -	M423		3176	.82	1.14	.934	24.9	26.6	23.5	
3	Front Tube plate	M423		9376	.775	1.305	1.071	26.72	26.4	26.5	
4	- do -	F464		3731	.745	1.13	.879	24.4	27.7	21.5	
5	Comb. Chamber	J463		2832	.52	1.14	.592	16.0	27.0	25.	The 123 pieces were rolled from 27 plates.
6	Front Plates	D464		2621	.745	1.3	.968	26.34	27.2	25.5	
7	Fireman Bottom	F464		8203	.5	1.16	.58	15.67	27.0	20.5	
8	Comb. Chamber	M415		2443	.505	1.315	.664	19.12	28.2	28.	
9	Shell Steamdown	L436		2073	.41	1.31	.537	15.59	29.0	25.	
10	Furnace Lops	F464		3201	.575	1.14	.587	16.5	32.1	25.	

Fee £ : :

Expenses £ : :

£ : :

To be paid by The Steel Co.

James Webb

Surveyor, Lloyd's Register,



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