

No. 947

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 74 Steel plates manufactured by The Steel Co of Scotland of Glasgow for Boiler No. 141c to be constructed by The Wallsend Shipway Co of Newcastle on Tyne for S/S No 27 building by Messrs Law & Son.

Date first visit 3/5/83 last visit 1/6/83 No. of Visits 11

The Steel plates specified in the accompanying copy of Advice Notes were rolled from 44 charges. The tensile test has been applied to 10 samples as set forth below, and the temper and bending tests to samples representative of each plate advised, all 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.		Extens. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	13.7 x 4.8 x 3/4	H244	1	P566	.74	1.22	.902	26.95	29.2	26.5	
2	9.9 x 4.6 x 3/4	E292	1	P640	.535	1.16	.62	18.2	29.3	25.	
3	13.2 x 6.9 x 1/2	M279	1	9183	.69	1.18	.814	22.8	28.0	25.	
4	7.2 x 2.5 x 1/2	F320	1	2205	.575	1.18	.607	16.3	26.8	25.	
5	7.9 x 5.1 x 7/16	E319	16	3169	.455	1.14	.578	13.7	26.4	26.	
6	13.2 x 5.3 x 3/4	H334	1	9740	.74	1.14	.843	24.2	29.4	20.	
7	15.0 - 8.0	-	-	9745	.76	1.13	.858	22.4	26.0	28.5	
8	6.3 x 4.5 x 1/2	E320	3	5090	.52	1.16	.603	16.8	27.2	25.	
9	13.3 x 5.3 x 3/4	M286	1	9748	.735	1.13	.84	21.9	26.0	26.5	
10	9.4 x 5.2 x 1/2	B317	1	4032	.57	1.18	.601	19.2	31.9	22.	Duplicate sample & plate annealed
					.57	1.31	.668	20.0	29.9	26.5	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by The Steel Co

Surveyor, Lloyd's Register,

Glasgow

12/6/83



Sen. Smith  
No Dry bone

SS. "Mefarel"  
Nwe. Report No. 17407



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Foundation