

No. 207

(Received in London Office.)

## TESTS OF BOILER STEEL.

Tests of 102 Steel Plates manufactured by Landore Ironworks Ltd of Landore  
for Boiler No. to be constructed by Koninklijke Maatschappij de Rijkswerkhuizen  
for Vessel designated No 17

Date first visit 26 May last visit 11 Aug<sup>st</sup> No. of visits 7

The Plates specified in the accompanying copy of Advice Notes were rolled from  
16 charges. The tensile test has been applied to 13 samples as set forth below,  
and the temper and bending tests to every 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.	Brdth.	Area.	Total.	Sq. Inch.		
					In.	In.	In.	Tons.	Tons.	%	
928	23-2 x 1-5 x 1 1/2	17 R	2	(B928)	1.08	.74	.777	21.125	27.1	27.5	
202	23-2 x 1-5 x 1 1/2	18 R	4	"	1.08	.96	1.00	27.0	27.0	32.	
923	23-2 x 1-5 x 1 1/2	16 R	4	"	1.07	.74	.792	21.50	27.1	26.25	
878	3-1 x 4-3 x 1 1/2	590 B	2	"	1.06	.74	.784	21.375	27.2	32.	
888	2-1 x 8 1/2 x 1/2	400 A	18	"	.76	.74	.562	15.50	27.5	29.	Cut from one plate
866	3-1 x 3-9 x 1 1/2	400 A	3	"	1.06	.74	.784	21.50	27.4	30.	
876	3-1 x 3-9 x 1 1/2	390 B	4	"	1.06	.74	.784	21.25	27.1	30.	
875	3-1 x 4-3 x 1 1/2	499 B	2	"	1.07	.74	.792	21.625	27.3	31.	
869	3-1 x 4-3 x 1 1/2	502 B	2	"	1.06	.74	.784	21.25	27.1	27.	
887	2-1 x 8 1/2 x 1/2	400 A	18	"	.75	.74	.555	15.50	27.9	28.	Cut from one plate
913	14-5 1/2 x 5-1 1/2 x 7/8	358 B	3	"	.89	.74	.658	18.125	27.5	27.	
562	3-1 x 3-9 x 1 1/2	21 R	2	"	1.04	.75	.780	21.50	27.5	27.5	
550	3-1 x 3-9 x 1 1/2	290 W	4	"	1.07	.74	.792	22.25	28.09	25.	
59	Stay bars				1.00		.785	21.375	27.2	32.	
48	"				1.00		.785	21.625	27.5	28.	Several bend
25	"				1.00		.785	21.625	27.5	27.5	tests with
67	"				1.00		.785	22.50	28.7	24.	satisfactory
9	"				1.00		.785	22.50	28.7	29.	results
89	"				1.00		.785	21.625	27.5	28.	
41	"				1.00		.785	21.375	27.2	33.	
95	"				1.00		.785	21.625	27.5	33.	
70	"				1.00		.785	22.25	28.3	29.	
11	"				1.00		.785	21.50	27.3	30.	
51	"				1.00		.785	21.50	27.3	30.	
44	"				1.00		.785	21.75	27.7	27.5	
12	"				1.00		.785	21.50	27.3	25.	
36	"				1.00		.785	22.875	29.1	27.5	
30	"				1.00		.785	22.75	28.9	29	
21	"				1.00		.785	22.25	28.3	27	

D.P.  
16/5/87

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by Landore Steel Co

J. H. Ashton

Surveyor, Lloyd's Register



2018  
Lloyd's Register  
Foundation



(Received in London Office.

Tests of \_\_\_\_\_ Steel \_\_\_\_\_ manufactured by \_\_\_\_\_ of \_\_\_\_\_  
for Boiler No. \_\_\_\_\_ to be constructed by \_\_\_\_\_ of \_\_\_\_\_  
for \_\_\_\_\_

The \_\_\_\_\_ specified in the accompanying copy of Advice Notes were rolled from \_\_\_\_\_ charges. The tensile test has been applied to \_\_\_\_\_ samples as set forth below, and the temper and bending tests \_\_\_\_\_

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.		
					Inch.	Inch.	Inch.	Tons.	Tons.	%	
2	Rivet bars				.92		.664	19.0	28.6	26.5	Hot and cold tests and heads flattened with satisfactory results
3					.88		.608	16.50	27.1	27.	
4					.88		.608	16.50	27.1	32.	
5					.87		.594	17.0	28.6	27.	
6					.87		.594	17.125	28.8	26.	
1					.92		.664	19.0	28.6	27.	

Expenses £ : :

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To be paid by Landore Steel Co

Thos Ashlow

Surveyor Island's Register 2018



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