

No. 37.

(Received in London Office) RECEIVED 5th OCT. 82

TESTS OF BOILER STEEL.

Tests of 1/2 Ste Plates manufactured by John Brown & Co. (Linn?) of Sheffield for Boiler No. 216 2/17 to be constructed by Messrs. Victor Cook & Co. Belfast for

Date first visit 26th Sept '82 last visit 28th Sept '82 No. of Visits 3
11 Oct 13 Oct 22

The Plates specified in the accompanying copy of Advice Notes were rolled from 8 charges. The tensile test has been applied to 2 samples as set forth below, and the temper and bending tests to 10 samples - 8 of which were satisfactory and two (No 3850 + 3851) failed & were rejected. 5 Temper Tests together with no 3, 4, 5 tensile tests were made on the 4, 12, 13 Oct & were 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.		Exten. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	Boiler	319 H.	1	3857	.75	1.24	.930	27.50	29.56	24.21	Failed in bend. test } 10.5 x 5.7 x 3/4
2	d	324 H.	2	3871	.77	1.26	.970	28.50	29.38	25.00	15.6 1/2 x 5.8 x 13/16
3	d.	258 B.	2	3852	.55	1.62	.891	25	28.0	28.90	7.3 1/2 x 7.7 1/2 x 9/16
4	do	281 B	8	4021	.44	2.25	.99	28	28.3	31.2	
5	do	347 B	2	3996	.75	1.25	.937	27	28.8	25.8	

Fee £ : :
Expenses £ : :
£ : :

To be paid by

D. Gromeyer & John B. Stevens
London
Surveyor, Lloyd's Register,
at Hull

TESTS OF BOILER EFFICIENCY

Manufactured by
to be constructed

The
has been supplied
and the

No.	Boiler	Pressure	Temperature	Time	Remarks
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000
1000	1000	1000	1000	1000	1000

Amman, Clark & Co
Nos 16 and 17

Robert Coate

Robert Coate



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Lloyd's Register
Foundation

LR/PUN/BeL52/116R