

No. 1308

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office,

13 OCT. 85

LONDON

TESTS OF BOILER STEEL.

Tests of 36 Steel Bars manufactured by Messrs The Steel Co. of Scotland of Newton  
for Boiler No. 66 to be constructed by Messrs J. Hodge & Sons of London  
for Messrs Forrest & Sons S. S. No. 2084

Date first visit Aug 22<sup>nd</sup>/1883 last visit Sept 3<sup>rd</sup>/1883 No. of Visits

The specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 4 samples as set forth below,  
and the temper and bending tests to a piece from each bar 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. |                  |          |
|     |                    |              |                                      |                               | Ins.        | Ins.   | Ins.  | Tons.            | Tons.     | %                |          |
| 1   | 10.5 x 1 1/4 diam. |              |                                      | 188                           | .87         | diam.  | .594  | 16.77            | 28.2      | 21.1             |          |
| 2   | -                  |              |                                      | 180                           | .873        | -      | .598  | 16.8             | 28.0      | 24.2             |          |
| 3   | 10.3 x 1 1/4 -     |              |                                      | 938                           | 1.00        | -      | .785  | 23.66            | 30.1      | 27.3             |          |
| 4   | 10.5 x 1 1/4 -     |              |                                      | 185                           | .87         | -      | .594  | 15.96            | 26.8      | 24.2             |          |

D. J.  
15/10/83

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by The Steel Manufacturers.

Glasgow

Surveyor, Lloyd's Register, 12-10-85

LON 722-0247



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Foundation