

1267

# TESTS OF BOILER STEEL.

of 7 Steel plates manufactured by The Steel Co of Scotland of Glasgow, Glasgow  
Boiler No. 328<sup>A</sup> to be constructed by Messrs J. H. Brown & Co of Glasgow  
S/S building by Messrs Murdoch & Murray

Date first visit last visit 27/9/83 No. of Visits

The specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 2 samples as set forth below,  
and the temper and bending tests as required by Circular No 438

| 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.    |                  |  |
| Plate 15'0" x 7'6" x 1/2" 422 |              | 4532                                 |                               | 28.5        | 1.13   | 1.005 | 30.4             | 28.0     | 21.5             | The remainder of the plates advised were tested by the Steel Co & the results stamped upon each plate. |
| Plat. 11'3" x 2'4" x 1/2" 422 |              | 3                                    |                               | 50.6        | 1.18   | .595  | 16.5             | 27.7     | 29.              |  |

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To be paid by The Steel Co

James Webb  
Surveyor, Lloyd's Register.

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Foundation  
3/10/83