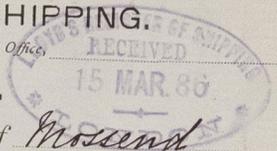


No. 3409.

(Received at London Office)



## TESTS OF BOILER STEEL.

Tests of 1 Steel plate manufactured by Clydesdale Iron & Steel Co. of Mossend  
 for Boiler No. 117 to be constructed by J & J. Thomson of Glasgow  
 for S.S. No 146 building by C. Connell & Co.

Date first visit 19<sup>th</sup> Feb. 1886 last visit ✓ No. of visits 1

The plate specified in the accompanying copy of Advice Notes were rolled from ✓ charges. The tensile test has been applied to 1 samples as set forth below, and the temper and bending tests to one sample which proved 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.     | Brlth. | Area. | Total.           | Sq. Inch |                    |          |
|     |                  |              |                                       |                               | Ins.        | Ins.   | Ins.  | Tons.            | Tons.    |                    |          |
| 1   | 12-0 x 57 x 1/2" | A 874        |                                       | 3910                          | .51         | 1.265  | .645  | 18.0             | 27.9     | 28                 |          |

*M*  
2-4196

Fee ..... £ : :  
 Expenses £ : :  
 £ : :

To be paid by

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*J. Thomson*  
 Surveyor, Lloyd's Register  
 Glasgow  
 13/3/88