

No. 4429

(Received at London)



**TESTS OF BOILER STEEL.**

Tests of <sup>5</sup> Steel Plates manufactured by *The Steel Co. of Scotland* of *Glasgow*  
 for Boiler No. *206* to be constructed by *Messrs. Hutson & Corbett* of *Helmsburgh*  
 for *The S.S. "Harold"*

Date first visit *March 3<sup>rd</sup>* last visit \_\_\_\_\_ No. of visits \_\_\_\_\_

The \_\_\_\_\_ specified in the accompanying copy of Advice Notes were rolled from \_\_\_\_\_ charges. The tensile test has been applied to *3* samples as set forth below, and the temper and bending tests *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.       |                    |          |
|     | <i>4-9 x 5 x 9/16</i>    | <i>H.46</i>  |                                       | <i>121</i>                    | <i>.53</i>  | <i>1.43</i> | <i>.786</i>  | <i>21.6</i>      | <i>27.4</i> | <i>26.5</i>        |          |
|     | <i>5-8 x 5 1/2 x 5/8</i> | <i>D.54</i>  |                                       | <i>403</i>                    | <i>.585</i> | <i>"</i>    | <i>.837</i>  | <i>24.8</i>      | <i>29.6</i> | <i>23.5</i>        |          |
|     | <i>22 1/2 d" x 25/32</i> | <i>C.62</i>  |                                       | <i>487</i>                    | <i>.765</i> | <i>"</i>    | <i>1.094</i> | <i>32.65</i>     | <i>29.9</i> | <i>21</i>          |          |

*W.P. 5/3/87*

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

To be paid by



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*J. H. Roberts*  
 Surveyor, Lloyd's Register  
*Glasgow*  
*4/3/87*