

No. 4929

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of *S* Steel plates manufactured by *the Steel Co. of Scotland* of *Glasgow*
for Boiler No. *254/5* to be constructed by *Messrs. W. B. Thompson & Co.* of *Dundee*
for *the SS No. 81* building by *the same firm*

Date first visit *11/5* last visit *19/5* No. of visits *3*

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 *Satisfactory*

| 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>Receiver top</i> | <i>A.120</i> | | <i>8645</i> | <i>1.15</i> | <i>1.33</i> | <i>1.53</i> | <i>43.75</i> | <i>28.6</i> | <i>21.5</i> | |
| | <i>Straps</i> | <i>K.134</i> | | <i>8700</i> | <i>.84</i> | <i>1.17</i> | <i>.983</i> | <i>26.95</i> | <i>27.7</i> | <i>28</i> | |
| | <i>Rec. top</i> | <i>G.123</i> | | <i>8827</i> | <i>1.19</i> | <i>1.26</i> | <i>1.499</i> | <i>42.3</i> | <i>28.2</i> | <i>22.5</i> | |
| | <i>" Shell</i> | <i>L.117</i> | | <i>8796</i> | <i>.91</i> | <i>1.26</i> | <i>1.147</i> | <i>32.55</i> | <i>28.3</i> | <i>27.5</i> | |

BP
25/5/87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

J. H. Roberts
Surveyor, Lloyd's Register.

Glasgow
23/5/87

W. B. Thompson's
No. 254/5 B¹⁰



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Lloyd's Register
Foundation