

### TESTS OF BOILER STEEL.

Tests of *S* Steel plate manufactured by *The Steel Co. of Scotland of Glasgow*  
 for Boiler No. *3574* to be constructed by *Messrs Denny & Co* of *Dumbarton*  
 for (*St. W. not given*)

Date first visit *14/9/88* last visit *19/9/88* 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 shearing off each plate 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.		
<i>1</i>	<i>Shell 15/16</i>	<i>D.282</i>		<i>397</i>	<i>1.00</i>	<i>1.38</i>	<i>1.38</i>	<i>39.65</i>	<i>28.7</i>	<i>23.5</i>	
<i>2</i>	<i>End pl. 1</i>	<i>O.235</i>		<i>5492</i>	<i>1.03</i>	<i>1.38</i>	<i>1.421</i>	<i>41.05</i>	<i>28.8</i>	<i>21</i>	
<i>3</i>	<i>14-3 x 20 1/2 x 9/16</i>	<i>C.261</i>		<i>5379</i>	<i>.585</i>	<i>"</i>	<i>.807</i>	<i>23.8</i>	<i>29.4</i>	<i>23.5</i>	<i>Cross piece</i>
<i>4</i>	<i>7-0 x 4-2 1/2 R x "</i>	<i>E.267</i>		<i>5421</i>	<i>.6</i>	<i>1.17</i>	<i>.702</i>	<i>18.75</i>	<i>26.7</i>	<i>25</i>	<i>do</i>  <i>Ad</i>

Fee ..... £ : :  
 Expenses £ : :  
 £ : : \_\_\_\_\_

To be paid by \_\_\_\_\_

*J. H. Roberts*  
 Surveyor, Lloyd's Register.  
*Glasgow*  
*19/9/88*

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