

No. 3353.

TESTS OF BOILER STEEL.

Tests of 12 Steel plates manufactured by *Clydesdale Iron & Steel Co. of Mossend*
 for Boiler No. *117* to be constructed by *John & James Thomson of Glasgow*
 for *S.S. No. 146* building by *C. Connell & Co. of Glasgow*

Date first visit *29th Jan.* last visit *11th Feb. 1886* No. of visits *3*

The *plates* 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 samples representative of each*
plate advised all of 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.	Brith.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.		
<i>1</i>	<i>20-4 x 66 x 7/8</i>	<i>A 54</i>		<i>2740</i>	<i>9</i>	<i>1-26</i>	<i>1-134</i>	<i>31-75</i>	<i>28</i>	<i>23-5</i>	
<i>2</i>	<i>20-4 x 66 x 7/8</i>	<i>B 401</i>		<i>2809</i>	<i>88</i>	<i>1-26</i>	<i>1-108</i>	<i>31-55</i>	<i>28-4</i>	<i>20-5</i>	
<i>3</i>	<i>2-11 x 28 x 7/8</i>	<i>A 15</i>		<i>3004</i>	<i>54</i>	<i>1-25</i>	<i>4/2</i>	<i>18-8</i>	<i>26-4</i>	<i>30</i>	
<i>4</i>	<i>12-0 x 57 x 1/2</i>	<i>D 502</i>		<i>3611</i>	<i>505</i>	<i>1-245</i>	<i>628</i>	<i>18-85</i>	<i>30</i>	<i>26</i>	

M
17/2/86

Fee £ : :

Expenses £ : :

£ : :

To be paid by

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John Thomson
 Surveyor, Lloyd's Register.
Manufacturers Glasgow
16/2/88
 Foundation