

No. 3880



TESTS OF BOILER STEEL

Tests of *5 1/2* Steel bars manufactured by *Messrs J. W. Beardmore* of *Partickhead*
 for Boiler No. *152* to be constructed by *The Barrow Shipbuilding Co* of *Barrow*
 for *S.S. No* building by the *Firm*

Date first visit *7. 9. 1886* last visit *✓* No. of visits *one*

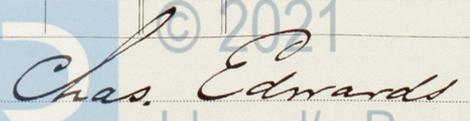
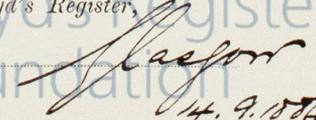
The *bars* specified in the accompanying copy of Advice Notes were rolled from
two charges. The tensile test has been applied to *6* samples as set forth below,
 and the temper and bending tests *proved satisfactory*

Boiler No. 152

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>Rivet bars</i>	<i>Broo</i>		<i>4</i>	<i>1.05 diam.</i>	<i>.866</i>	<i>24.0</i>	<i>27.7</i>	<i>34.</i>		
<i>2</i>	"	"		<i>8</i>	<i>1.05</i>	<i>.866</i>	<i>24.56</i>	<i>28.3</i>	<i>32.</i>		
<i>3</i>	"	"		<i>28</i>	<i>1.05</i>	<i>.866</i>	<i>23.8</i>	<i>27.4</i>	<i>34.</i>		
<i>4</i>	"	<i>B186</i>		<i>4</i>	<i>.71</i>	<i>.395</i>	<i>11.3</i>	<i>28.6</i>	<i>29.</i>		
<i>5</i>	"	"		<i>10</i>	<i>.71</i>	<i>.395</i>	<i>11.5</i>	<i>29.1</i>	<i>30.</i>		
<i>6</i>	"	"		<i>20</i>	<i>.82</i>	<i>.528</i>	<i>14.67</i>	<i>27.7</i>	<i>26.</i>	<i>Mo 16/9/86</i>	

Fee £ : :
 Expenses £ : :
 £ : :


 Surveyor, Lloyd's Register
 To be paid by *The Manufacturers* 
 14. 9. 1886