

Tests of *13* Steel plates manufactured by *The Steel Co. of Scotland* of *Blochairn*
 for Boiler No. *844* to be constructed by *Wm. J. Richardson & Co.* of *Shuttlepool*
 for the S.S. "*Garth Castle*"

Date first visit *2/9* last visit *14/9* No. of visits *3*

The _____ specified in the accompanying copy of Advice Notes were rolled from
 charges. The tensile test has been applied to *6* samples as set forth below,
 and the temper and bending tests to a shearing taken from 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.		Extens. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
<i>1</i>	<i>Shell</i>	<i>B.217</i>		<i>10701</i>	<i>1.08</i>	<i>1.24</i>	<i>1.339</i>	<i>39.2</i>	<i>29.2</i>	<i>21.5</i>	<i>Cross piece</i>
<i>2</i>	<i>—</i>	<i>—</i>		<i>"</i>	<i>1.08</i>	<i>1.16</i>	<i>1.253</i>	<i>35.0</i>	<i>27.9</i>	<i>25.5</i>	
<i>3</i>	<i>End plate</i>	<i>G.248</i>		<i>5</i>	<i>1.03</i>	<i>1.09</i>	<i>1.123</i>	<i>33.4</i>	<i>29.7</i>	<i>21</i>	
<i>4</i>	<i>Furnace Strap</i>	<i>H.207</i>		<i>233</i>	<i>.44</i>	<i>1.24</i>	<i>.546</i>	<i>14.8</i>	<i>27.1</i>	<i>25</i>	
<i>5</i>	<i>Br. Tube plate</i>	<i>B.223</i>		<i>283</i>	<i>.61</i>	<i>"</i>	<i>.756</i>	<i>20.83</i>	<i>27.5</i>	<i>29</i>	
<i>6</i>	<i>Br. Top</i>	<i>D.252</i>		<i>293</i>	<i>.653</i>	<i>"</i>	<i>.812</i>	<i>23.15</i>	<i>28.5</i>	<i>22</i>	

Adf
17/9.87

575916-0281

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

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J. H. Roberts
 Surveyor, Lloyd's Register.
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Mez. L. Richardson Was
No. 844 B.



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