

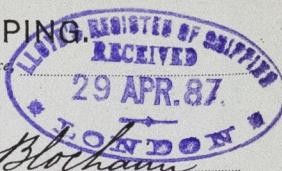
No. 4466

## TESTS OF BOILER STEEL.

Tests of 77 Steel plate manufactured by The Steel Co. of Scotland of Blochman  
for Boiler No. 283 to be constructed by Messrs Goulay Bros. of Dundee  
for the S.S. "Haverley" building by the same firm

Date first visit 19/4 last visit 25/4 No. of visits 3

The \_\_\_\_\_ specified in the accompanying copy of Advice Notes were rolled from  
\_\_\_\_\_ charges. The tensile test has been applied to 17 samples as set forth below,  
and the temper and bending tests 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.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
	<u>Bk. Tube plate</u>	<u>G.107</u>		<u>9104</u>	<u>.9</u>	<u>1.17</u>	<u>1.053</u>	<u>27.8</u>	<u>26.4</u>	<u>29</u>	
	" "	<u>H.117</u>		<u>9105</u>	<u>.915</u>	<u>1.33</u>	<u>1.217</u>	<u>33.9</u>	<u>27.8</u>	<u>22.5</u>	
	" "	<u>G.107</u>		<u>9106</u>	<u>.9</u>	<u>1.33</u>	<u>1.197</u>	<u>32.15</u>	<u>26.8</u>	<u>30</u>	
	" "	<u>G.106</u>		<u>9062</u>	<u>.91</u>	<u>1.17</u>	<u>1.065</u>	<u>28.8</u>	<u>27.0</u>	<u>23</u>	
	" "	<u>H.112</u>		<u>9086</u>	<u>.91</u>	<u>1.17</u>	<u>1.065</u>	<u>30.35</u>	<u>28.4</u>	<u>23</u>	
	<u>Firebox sides</u>	<u>G.106</u>		<u>2545</u>	<u>.53</u>	<u>1.17</u>	<u>.62</u>	<u>17.7</u>	<u>28.5</u>	<u>30</u>	
	" "	"		<u>2546</u>	<u>.535</u>	<u>1.17</u>	<u>.626</u>	<u>18.05</u>	<u>28.8</u>	<u>22.5</u>	
	" <u>wings</u>	"		<u>2556</u>	<u>.58</u>	<u>1.17</u>	<u>.679</u>	<u>19.45</u>	<u>28.6</u>	<u>25.5</u>	
	" <u>sides</u>	"		<u>2558</u>	<u>.54</u>	<u>1.17</u>	<u>.632</u>	<u>17.95</u>	<u>28.4</u>	<u>26</u>	
	" "	"		<u>2666</u>	<u>.545</u>	<u>1.33</u>	<u>.738</u>	<u>21.05</u>	<u>28.5</u>	<u>24</u>	
	<u>Furnace bottom</u>	<u>E.103</u>		<u>2759</u>	<u>.57</u>	<u>1.17</u>	<u>.667</u>	<u>19.0</u>	<u>28.4</u>	<u>23.5</u>	
	" "	<u>B.118</u>		<u>2790</u>	<u>.53</u>	<u>1.17</u>	<u>.62</u>	<u>17.1</u>	<u>27.5</u>	<u>26</u>	
	" "	"		<u>2794</u>	<u>.56</u>	<u>1.17</u>	<u>.655</u>	<u>18.5</u>	<u>28.2</u>	<u>22.5</u>	
	<u>Shell</u>	<u>G.99</u>		<u>8954</u>	<u>1.19</u>	<u>1.31</u>	<u>1.559</u>	<u>46.8</u>	<u>30</u>	<u>23</u>	
	<u>Ends</u>	"		<u>8948</u>	<u>1.03</u>	<u>1.33</u>	<u>1.37</u>	<u>39.4</u>	<u>28.7</u>	<u>26.5</u>	
	<u>Shell</u>	<u>A.103</u>		<u>9043</u>	<u>1.19</u>	<u>1.22</u>	<u>1.451</u>	<u>41.95</u>	<u>28.9</u>	<u>24</u>	
	"	<u>F.120</u>		<u>9044</u>	<u>1.17</u>	<u>1.22</u>	<u>1.427</u>	<u>42.4</u>	<u>29.8</u>	<u>26</u>	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

© 2019  
J. M. Roberts  
Surveyor, Lloyd's Register,  
Glasgow

25/5/87  
27/4/87



*Loulay Bco.*  
*No. 283 Br.*  
          



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