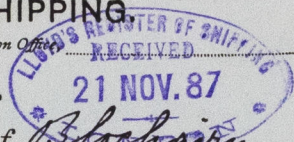


No. 5834

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING

(Received at London Office)

TESTS OF BOILER STEEL.



Tests of 10 Steel plates manufactured by *The Steel Co. of Scotland* of *Glasgow* for Boiler No. *217* to be constructed by *Harland & Wolff* of *Belfast* for *S.S. H: 207* building by *Harland & Wolff*.

Date first visit *10th Nov.* last visit *18th Nov. 1887* No. of visits *4*

The *plates* 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 *6* samples representative of each plate advised with satisfactory results.

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.	%	
1	<i>9-3 1/2 x 78 1/2 x 1/2</i>	<i>Stock</i>		<i>1284</i>	<i>.515</i>	<i>1.3</i>	<i>.67</i>	<i>18.9</i>	<i>28.2</i>	<i>23</i>	
2	<i>Manhole Doors</i>			<i>8788</i>	<i>1.22</i>	<i>1.2</i>	<i>1.464</i>	<i>39.4</i>	<i>26.9</i>	<i>24</i>	
3	<i>10-6 x 12 1/2 x 3/8</i>	<i>F326</i>		<i>2230</i>	<i>.88</i>	<i>1.16</i>	<i>1.021</i>	<i>28.5</i>	<i>27.9</i>	<i>24</i>	
4	<i>5-9 1/2 x 40 1/2 x 3/8</i>			<i>2231</i>	<i>.565</i>	<i>1.16</i>	<i>.655</i>	<i>19</i>	<i>29</i>	<i>22</i>	
5	<i>Shell</i>	<i>H288</i>		<i>8828</i>	<i>1.25</i>	<i>1.17</i>	<i>1.463</i>	<i>41.7</i>	<i>28.5</i>	<i>22</i>	
6					<i>1.24</i>	<i>1.17</i>	<i>1.451</i>	<i>41.7</i>	<i>28.7</i>	<i>23</i>	<i>+ All</i> <i>22.11.87</i>

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.

Fee £ : :

Expenses £ : :

£ : :

To be paid by

J. Thomson for J. L. Roberts
Surveyor, Lloyd's Register,

Glasgow

19/11/87

S.S. Bostonian Rep No 3464

TESTS OF BOILER STEEL

Specimen No. 1
To be tested by the following tests
Tensile Test
Charpy Test
Impact Test
This test is the accompanying copy of which is the original copy of the test results as applied to the specimen and the results of the test.

Specimen No.	Tensile Test	Charpy Test	Impact Test	Tensile Test	Charpy Test	Impact Test	Tensile Test	Charpy Test	Impact Test
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