

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No.

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of ~~44~~ Steel ~~plates~~ manufactured by *John Brown & Co* of *Sheffield* for Boiler No. to be constructed by *John Pearson & Sons* of *Leeds* for

Date first visit *28 Mar* last visit *29 Mar* No. of visits *2*

The ~~44~~ plates specified in the accompanying copy of Advice Notes were rolled from *19* charges. The tensile test has been applied to ~~44~~ *12* samples as set forth below, and the temper and bending tests ~~were~~ applied & found *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.		Extens. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
	<i>Boiler</i>	<i>247a</i>		<i>4960</i>	<i>1.76</i>	<i>.33</i>	<i>.58</i>	<i>17.5</i>	<i>30.1</i>	<i>21</i>	
		<i>423a</i>		<i>4967</i>	<i>1.76</i>	<i>.35</i>	<i>.616</i>	<i>18.5</i>	<i>30.0</i>	<i>19</i>	<i>To be Retained Rejected</i>
				<i>4970</i>	"	"	"	<i>19.0</i>	<i>30.8</i>	<i>18</i>	
				<i>4973</i>	"	<i>.38</i>	<i>.668</i>	<i>18.75</i>	<i>28.</i>	<i>27</i>	
				<i>4977</i>	"	<i>.36</i>	<i>.633</i>	<i>19.5</i>	<i>30.8</i>	<i>22</i>	
				<i>4987</i>	"	<i>.34</i>	<i>.598</i>	<i>18.5</i>	<i>30.9</i>	<i>20</i>	<i>} Rejected</i>
				"	"	"	"	<i>19.0</i>	<i>31.7</i>	<i>15</i>	
				<i>4988</i>	"	"	"	<i>17.5</i>	<i>29.2</i>	<i>21</i>	
				<i>4961</i>	"	<i>.44</i>	<i>.774</i>	<i>22.5</i>	<i>29.</i>	<i>25</i>	
				<i>4963</i>	"	<i>.55</i>	<i>.968</i>	<i>26.5</i>	<i>27.3</i>	<i>28</i>	
				<i>4964</i>	"	<i>.38</i>	<i>.668</i>	<i>18.5</i>	<i>27.6</i>	<i>29</i>	
				<i>4965</i>	"	<i>.45</i>	<i>.786</i>	<i>23.0</i>	<i>30.4</i>	<i>27</i>	

Fee £ : :
Expenses £ : :
£ : :

To be paid by

John L. Gray
Surveyor, Lloyd's Register,

London 10.4.88.



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