

Glasgow Report No. 6422.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 131.

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 2 Steel Plates manufactured by *The Leeds Forge* of *Leeds*
 for Boiler No. 289 to be constructed by *John Elder & Co.* of *Glasgow*
 for

Date first visit *7 April. 84* last visit *28 April. 84* No. of Visits *2*

The *Plates* specified in the accompanying copy of Advice Notes were rolled from
 charges. The tensile test has been applied to samples as set forth below,
 and the temper and bending tests to one sample 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.		Exten. in	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch.	10 ins.	
								Ins.	Ins.		
	<i>Boiler end</i>	<i>B116</i>	<i>2378</i>		<i>.71</i>	<i>1.28</i>	<i>.908</i>	<i>25.5</i>	<i>28.0</i>	<i>25</i>	
	<i>do.</i>	<i>"</i>	<i>2357</i>		<i>.76</i>	<i>1.28</i>	<i>.972</i>	<i>28.0</i>	<i>28.9</i>	<i>18.7</i>	
	<i>" reheat</i>	<i>"</i>	<i>"</i>		<i>.76</i>	<i>1.24</i>	<i>.942</i>	<i>26.75</i>	<i>28.3</i>	<i>26.8</i>	}
	<i>" do.</i>	<i>"</i>	<i>"</i>		<i>.73</i>	<i>1.23</i>	<i>.897</i>	<i>24.50</i>	<i>27.3</i>	<i>21.2</i>	

M
28.5.84

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by *The Leeds Forge*

J. B. Stevens
 Surveyor, Lloyd's Register
 Foundation