

TESTS OF BOILER STEEL.

Tests of 44 Steel *has* manufactured by *Messrs J.M. Beardmore & Co* for Boiler No. *97* to be constructed by *Messrs Wm. Thomson & Co* of *Glasgow*

Date first visit *14.7.1886* last visit *—* No. of visits *—*

The *bars* specified in the accompanying copy of Advice Notes were rolled from *two* charges. The tensile test has been applied to *5* samples as set forth below, and the temper and bending tests *proved 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>1</i>	<i>Riv. bars</i>	<i>M247</i>		<i>10</i>	<i>.95</i>	<i>11.0</i>	<i>.708</i>	<i>20.2</i>	<i>28.5</i>	<i>32</i>	
<i>2</i>	<i>"</i>	<i>"</i>		<i>20</i>	<i>.95</i>	<i>"</i>	<i>.708</i>	<i>20.64</i>	<i>29.1</i>	<i>30</i>	
<i>3</i>	<i>"</i>	<i>"</i>		<i>30</i>	<i>.95</i>	<i>"</i>	<i>.708</i>	<i>20.42</i>	<i>28.8</i>	<i>31</i>	
<i>4</i>	<i>"</i>	<i>"</i>		<i>44</i>	<i>.8</i>	<i>"</i>	<i>.502</i>	<i>14.83</i>	<i>29.5</i>	<i>32</i>	
<i>5</i>	<i>"</i>	<i>F285</i>		<i>1</i>	<i>1.09</i>	<i>"</i>	<i>.933</i>	<i>27.48</i>	<i>29.4</i>	<i>24</i>	

D.P. 22/7/86

Fee £ : :
Expenses £ : :
£ : :

To be paid by *The Makers*
Edwards
Surveyor, Lloyd's Register
Glasgow
21.7.86