

No. 3464.



TESTS OF BOILER STEEL.

Tests of 24 Steel *bars* manufactured by Messrs J.W. Beardmore of *Partick*
 for Boiler No. 117 to be constructed by Messrs J. & S. Thomson of *Glasgow*
 for *S.S. No 146 building C. Connell & Co.*

Date first visit *19. 3. 1886* last visit *—* No. of visits *—*

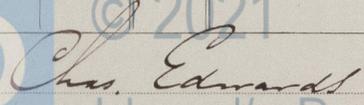
The *bars* specified in the accompanying copy of Advice Notes were rolled from
one charges. The tensile test has been applied to *3* samples as set forth below,
 and the temper and bending tests *proved satisfactory*

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.		Exten. in 8 ins. %	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	<i>bars 1 1/2 diam</i>	<i>L35</i>		<i>64</i>	<i>1.0 diam</i>	<i>.785</i>	<i>21.92</i>	<i>27.9</i>	<i>30</i>		
2	<i>" 1 1/4</i>	<i>"</i>		<i>92</i>	<i>1.0</i>	<i>.785</i>	<i>21.75</i>	<i>27.7</i>	<i>30</i>		
3	<i>"</i>	<i>"</i>		<i>96</i>	<i>1.0</i>	<i>.785</i>	<i>22.0</i>	<i>28.0</i>	<i>31</i>		

M
2-4-86

Fee £ : :
 Expenses £ : :
 £ : :


 Chas. Edwards
 Surveyor, Lloyd's Register
 To be paid by *the Manufacturer* *Glasgow*
 Foundation
27. 3. 18