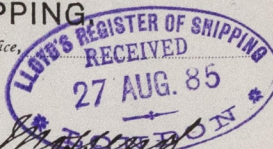


2861.

# TESTS OF BOILER STEEL.



Tests of 18 Steel plates manufactured by *Clydesdale Iron & Steel Co. of Glasgow*  
 for Boiler No. *1* to be constructed by *H. Wallace & Co.* of *Glasgow*  
 for *S. Y V* building by *John Reid & Co. of Port Glasgow*  
 Date first visit *24<sup>th</sup> Aug. 1885* last visit *—* No. of visits *1*

The *plates* specified in the accompanying copy of Advice Notes were rolled from *—* charges. The tensile test has been applied to *2* samples as set forth below, and the temper and bending tests *to samples representative of each plate advised all of which proved satisfactory.*

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.		
<i>1</i>	<i>5-5 1/2 x 60 x 4 1/8</i>	<i>13228</i>	<i>✓</i>	<i>5752</i>	<i>.66</i>	<i>1.285</i>	<i>.848</i>	<i>23.3</i>	<i>24.4</i>	<i>26</i>	
<i>2</i>	<i>8-0 x 22 1/2 x 21 1/2</i>	<i>"</i>	<i>✓</i>	<i>5253</i>	<i>.5</i>	<i>1.285</i>	<i>.642</i>	<i>14.2</i>	<i>26.4</i>	<i>28</i>	

Fee ..... £ : :  
 Expenses £ : :  
 £ : :

To be paid by *Manufacturers Glasgow*

*J. Thomson*  
 Surveyor, Lloyd's Register,

*D. J. 28/8/85.*

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Lloyd's Register

Foundation

*28/8/85*