



## TESTS OF BOILER STEEL.

Tests of 33 Steel plates manufactured by *Clydesdale Iron & Steel Coy* of *Glasgow* for Boiler No. 305 to be constructed by *Alex Stephen & Co* of *Glasgow* for S.S. no 305 building by same firm.

Date first visit *1.4.87* last visit *11.4.87* No. of visits *2*

The plate specified in the accompanying copy of Advice Notes were rolled from 2 charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests to a shearing taken from each plate rolled (8 in no) all of which proved satisfactory.

When a second test is applied, the result should be recorded immediately below the record of th. original test. The number of plates or bars included in a rejection must be clearly stated.

No.	Dimensions	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>27 x 7 1/2 x 3/4</i>	<i>151</i>			<i>4502</i>	<i>.72</i>	<i>124.892</i>	<i>24.85</i>	<i>27.8</i>	<i>23.5</i>	
2.	<i>Sketch x 17/32</i>	<i>13837</i>			<i>4646</i>	<i>.57</i>	<i>125.712</i>	<i>19.3</i>	<i>27.1</i>	<i>29.</i>	
3.	<i>" x 1 3/32</i>	<i>"</i>			<i>4644</i>	<i>1.13</i>	<i>119.344</i>	<i>36.6</i>	<i>27.2</i>	<i>24.</i>	

*DP*  
*13/4/87*

Fee ..... £ : :  
 Expenses £ : :  
 £ : : To be paid by

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*6.4.87*