

No. *4616*



**TESTS OF BOILER STEEL**

Tests of *3* Steel Plates manufactured by Messrs *D. Colville & Sons* of *Motherwell*  
 for Boiler No. *305* to be constructed by Messrs *Stephen & Sons* of *Glasgow*  
 for their *S. S. No. 305*

Date first visit *March 29<sup>th</sup> 1887* last visit *April 9<sup>th</sup> 1887* No. of visits

The \_\_\_\_\_ 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 a shearing from each plate

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>3.9 1/2 R x 48 x 5/8</i>	<i>N994</i>		<i>4961</i>	<i>.63</i>	<i>2.04</i>	<i>1.285</i>	<i>36.90</i>	<i>28.7</i>	<i>28.0</i>	
<i>2</i>	<i>6.6 x 79 x 7/8</i>	<i>L116</i>		<i>1628</i>	<i>.50</i>	<i>1.76</i>	<i>.88</i>	<i>24.57</i>	<i>27.9</i>	<i>24.0</i>	

*D.P.*  
*18/4/87*

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

To be paid by



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*H. N. Dove*  
 Surveyor, Lloyd's Register  
*Glasgow*  
*12.4.87*