

No. 3402.

(Received at London Office)

TESTS OF BOILER STEEL.

Tests of *28* Steel Plate manufactured by *Messrs D. Colville & Sons* of *Motherwell*
 for Boiler No. *8* to be constructed by *The Brit. Mar. Eng. Co* of *West Hartlepool*
 for Messrs *M. Gray & Co. S.S. No. 3144*

Date first visit *Feb 11th 1886* last visit _____ No. of visits _____

The _____ specified in the accompanying copy of Advice Notes were rolled from
 charges. The tensile test has been applied to *3* 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.		Exten. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch		
					Inch.	Inch.	Sq. Inch.	Tons.	Tons.	%	
<i>1</i>	<i>Chamber back</i>	<i>D378</i>		<i>1774</i>	<i>.62</i>	<i>1.61</i>	<i>.998</i>	<i>29.95</i>	<i>30.0</i>	<i>26.0</i>	<i>✓</i>
<i>2</i>	<i>Back Top</i>	<i>H915</i>		<i>2606</i>	<i>.93</i>	<i>1.45</i>	<i>1.348</i>	<i>40.04</i>	<i>29.7</i>	<i>20.5</i>	<i>✓</i>
<i>3</i>	<i>6.0 x 72 x 7/16</i>	<i>H914</i>		<i>3710</i>	<i>.58</i>	<i>1.81</i>	<i>1.049</i>	<i>31.0</i>	<i>29.5</i>	<i>24.5</i>	<i>✓</i>

mm
12.5 86

Fee £ : :

Expenses £ : :

£ : :

To be paid by