

No. 4661

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 12 Steel plates manufactured by *Clydesdale & Steel Coy of Glasgow* for Boiler No. *305* to be constructed by *a Stephen & Sons of Glasgow* for *S.S. no 305 building by same firm*.

Date first visit *1.4.87* last visit *15.4.87* No. of visits *5*.

The *plates* 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 taken from each plate 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.	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>Dimensions</i>										
	<i>16 7/8 x 7 1/2 x 1 9/32</i>	<i>13848</i>		<i>507</i>	<i>1.2</i>	<i>1.27</i>	<i>1.524</i>	<i>40.75</i>	<i>26.7</i>	<i>28.</i>	
2.	" "	<i>8880</i>		<i>769</i>	<i>1.25</i>	<i>1.3</i>	<i>1.625</i>	<i>44.2</i>	<i>27.2</i>	<i>20</i>	<i>Rejected flaws in plate.</i>
3.	" "	<i>4173</i>		<i>878</i>	<i>1.21</i>	<i>1.26</i>	<i>1.524</i>	<i>40.7</i>	<i>26.7</i>	<i>25</i>	

199.
21/4/87

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

Ernest A. Paul
H. M. Dove
 Surveyors, Lloyd's Register, Glasgow
16/4/87