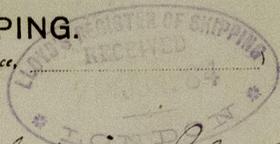


No. 1905

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 40 Steel plates manufactured by *The Steel Co of Scotland of Blochairn, Glasgow*
 for Boiler No. *✓* to be constructed by *Messrs Bell Russell & Co of Aberdeen*
 for *the S/O No 167 building by Messrs J. Guthrie & Sons*
 Date first visit _____ last visit *13/6/24* 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 *as required by Circular No 43A*

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. <i>Dimensions</i>	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>21-1 x 60 x 7/16</i>	<i>J6A0</i>		<i>8579</i>	<i>.88</i>	<i>1.15</i>	<i>1.012</i>	<i>28.2</i>	<i>28.4</i>	<i>24.</i>	<i>The remainder of the plates advised were tested by the Steel Co and the results stamped upon each plate.</i>
2	<i>4.9 x 56 x 7/16</i>	<i>Q645</i>	<i>9022</i>	<i>.67</i>	<i>1.14</i>	<i>.763</i>	<i>22.2</i>	<i>29.0</i>	<i>25.</i>		
3	<i>7-1 x 60 1/2 x 7/16</i>	<i>J648</i>		<i>1124</i>	<i>.83</i>	<i>1.17</i>	<i>.971</i>	<i>27.5</i>	<i>28.3</i>	<i>23.</i>	
4	<i>4.2 x 34 x 5/16</i>	<i>A693</i>		<i>1338</i>	<i>.31</i>	<i>1.17</i>	<i>.362</i>	<i>10.85</i>	<i>29.9</i>	<i>22.</i>	
5	<i>5-10 x 40 1/2 x 7/16</i>	<i>K665</i>		<i>9031</i>	<i>.71</i>	<i>1.14</i>	<i>.809</i>	<i>23.9</i>	<i>29.5</i>	<i>22.5</i>	

fm 20/6/24

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by *The Steel Co of Scotland* Glasgow *19/6/24*
 Surveyor, Lloyd's Register, *James Webb*