

No. 1430

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of 57 Steel plate manufactured by Messrs. J. & W. Beardmore of Parkhead, Glasgow for Boiler No. 452 to be constructed by Messrs. Palmer & Co. of Jarrow for Messrs. Palmer & Co. S.S. No. 558

Date first visit 29/2/84 last visit 24/3/84 No. of Visits 3

The plate 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, with satisfactory results.

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.		
					Ins.	Ins.	Ins.	Tons.	Tons.		
	<u>6.5 x 5 x 7/16</u>	<u>B22</u>		<u>2902</u>	<u>.45</u>	<u>1.5</u>	<u>.675</u>	<u>18.8</u>	<u>27.8</u>	<u>30</u>	
	<u>3.10 x 3.8 x 1/2</u>	<u>K32</u>		<u>186</u>	<u>.51</u>	<u>1.4</u>	<u>.714</u>	<u>19.6</u>	<u>27.4</u>	<u>25</u>	
	<u>7.1 x 7.6 x 7/8 x 1/2</u>	<u>A16</u>		<u>36</u>	<u>.55</u>	<u>1.42</u>	<u>.731</u>	<u>20.3</u>	<u>27.7</u>	<u>30</u>	
	<u>12.8 x 5.2 x 1/4 x 7/8</u>	<u>B32</u>		<u>927</u>	<u>.88</u>	<u>1.06</u>	<u>.932</u>	<u>27.55</u>	<u>29.2</u>	<u>28</u>	
	<u>4 1/2 dia 2 x 3/4</u>	<u>F10</u>		<u>911</u>	<u>.75</u>	<u>1.24</u>	<u>.930</u>	<u>26.</u>	<u>27.9</u>	<u>30</u>	
	<u>7.1 x 7.6 x 7/8 x 1/2</u>	<u>F7</u>		<u>233</u>	<u>.55</u>	<u>1.42</u>	<u>.786</u>	<u>21.8</u>	<u>27.7</u>	<u>29.5</u>	
	<u>6.2 x 4.6 x 1/2</u>	<u>B32</u>		<u>401</u>	<u>.47</u>	<u>1.44</u>	<u>.676</u>	<u>18.2</u>	<u>26.9</u>	<u>24</u>	

M
10. 4. 84

NWC 791-0109

Fee £ : :
Expenses £ : :
£ : :

To be paid by Messrs. J. & W. Beardmore Glasgow
Surveyor, Lloyd's Register, Glasgow
3/4/84

Palms-3-538

S.S. "Elderslie"
Proc. Report No. 17675

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

LISTS OF BOILERS STEEL.



© 2021

Lloyd's Register
Foundation