

No. 5842

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 41 Steel plates ^{& 24 bars} manufactured by Messrs Colville & Co of Motherwell
 for Boiler No. 82 to be constructed by Sumner & Jackson of Glasgow
 for ✓



Date first visit 16/11/87 last visit 22/11/87 No. of visits ✓

The ✓ specified in the accompanying copy of Advice Notes were rolled from ✓ charges. The tensile test has been applied to 7 samples as set forth below, and the temper and bending tests applied to a piece off each plate and bar with good 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>Rivets 1 3/8 dia</u>	<u>Messrs</u>		<u>27</u>	<u>1.38</u>	<u>6.14</u>	<u>1.496</u>	<u>40.82</u>	<u>27.2</u>	<u>33.0</u>	
	<u>Boiler Plates</u>	<u>L205</u>		<u>2445</u>	<u>.59</u>	<u>2.18</u>	<u>1.286</u>	<u>37.8</u>	<u>29.5</u>	<u>29.5</u>	
		<u>G408</u>		<u>2345</u>	<u>.79</u>	<u>1.37</u>	<u>1.082</u>	<u>30.55</u>	<u>28.2</u>	<u>25.5</u>	
		<u>B901</u>		<u>4510</u>	<u>1.23</u>	<u>1.22</u>	<u>1.5</u>	<u>42.74</u>	<u>28.4</u>	<u>24.5</u>	
		<u>B994</u>		<u>4766</u>	<u>1.21</u>	<u>1.12</u>	<u>1.355</u>	<u>26.08</u>	<u>26.6</u>	<u>21.0</u>	
		<u>R374</u>		<u>4768</u>	<u>1.2</u>	<u>1.12</u>	<u>1.344</u>	<u>29.76</u>	<u>29.5</u>	<u>22.5</u>	
		<u>B900</u>		<u>4626</u>	<u>.58</u>	<u>2.28</u>	<u>1.38</u>	<u>41.57</u>	<u>28.9</u>	<u>31.5</u>	

[Signature]
26.11.87

Fee £ : :
 Expenses £ : :
 £ : : To be paid by

© 2021

 H. Hand
 Surveyor, Lloyd's Register,
 Glasgow
 22/11/87