

TESTS OF BOILER STEEL.

Tests of ~~41~~ ^{24 bars} Steel plates manufactured by *Messrs Colville & Co* of *Motherwell*
 for Boiler No. *82* to be constructed by *Burns & 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.		
	<i>Rivets 1 3/8 in</i>	<i>M 158</i>		<i>27</i>	<i>1.38</i>	<i>6 1/2</i>	<i>1.496</i>	<i>40.82</i>	<i>27.2</i>	<i>33.0</i>	
	<i>Boiler Plates</i>	<i>L 255</i>		<i>2145</i>	<i>.59</i>	<i>2 1/8</i>	<i>1.256</i>	<i>37.8</i>	<i>29.5</i>	<i>29.5</i>	
		<i>G 408</i>		<i>2345</i>	<i>.79</i>	<i>1 3/4</i>	<i>1.082</i>	<i>30.55</i>	<i>28.2</i>	<i>25.5</i>	
		<i>B 901</i>		<i>4510</i>	<i>1.23</i>	<i>1 1/2</i>	<i>1.5</i>	<i>42.74</i>	<i>28.4</i>	<i>24.5</i>	
		<i>B 894</i>		<i>4766</i>	<i>1.21</i>	<i>1 1/2</i>	<i>1.355</i>	<i>26.08</i>	<i>26.6</i>	<i>21.0</i>	
		<i>A 374</i>		<i>4768</i>	<i>1.2</i>	<i>1 1/2</i>	<i>1.344</i>	<i>29.76</i>	<i>29.5</i>	<i>22.5</i>	
		<i>B 900</i>		<i>4626</i>	<i>.58</i>	<i>2 3/8</i>	<i>1.38</i>	<i>41.37</i>	<i>29.9</i>	<i>31.5</i>	

Hand
26.11.87

Fee £ : :

Expenses £ : :

£ : :

To be paid by