

**TESTS OF BOILER STEEL.**

Tests of 16 Steel plates manufactured by Messrs. N. Beardmore & Co. of Parkhead for Boiler No. 354 to be constructed by Messrs. Denny & Co. of Dumbarton for S.S. building by the same firm.  
 Date first visit 9<sup>th</sup> July, last visit 14<sup>th</sup> July. No. of visits <sup>Constant</sup> attendance.

The \_\_\_\_\_ specified in the accompanying copy of Advice Notes were rolled from \_\_\_\_\_ charges. The tensile test has been applied to 2 samples as set forth below, and the temper and bending tests applied to piece cut off 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.		
	<i>Dimensions</i>										
	<i>16.3 x 79 x 1 3/8</i>	<i>K191</i>	<i>A</i>	<i>440</i>	<i>1.35</i>	<i>1.1</i>	<i>1485</i>	<i>40.8</i>	<i>27.4</i>	<i>25.5</i>	
	<i>" " "</i>	<i>"</i>	<i>B</i>	<i>"</i>	<i>1.36</i>	<i>1.24</i>	<i>1686</i>	<i>44.8</i>	<i>26.5</i>	<i>29.0</i>	
	<i>5.11 1/2 x 20 1/2 x 1 7/8</i>	<i>M223</i>		<i>462</i>	<i>1.09</i>	<i>1.08</i>	<i>1177</i>	<i>31.6</i>	<i>26.8</i>	<i>28.5</i>	<i>M 167-88</i>

GLS213-0195

Fee ..... £ : :  
 Expenses £ : :  
 £ : : To be paid by \_\_\_\_\_

*Jpm Johnstone*  
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 Surveyor, Lloyd's Register  
 Glasgow 14/7/88