

TESTS OF BOILER STEEL.

Tests of *16* Steel *plates* manufactured by *Messrs. W. 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 *9th July*, last visit *14th July* No. of visits *constant attendance*.

The *specifications* 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>1.485</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>1.686</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>1.177</i>	<i>31.6</i>	<i>26.8</i>	<i>28.5</i>	

M
16.7 - 88

GLS213-0195

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

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