



No. 190.

**TESTS OF BOILER STEEL.**

Tests of 31 Steel Plates manufactured by Robert Vaughan & Co of Middlesbrough for Boiler No. 442 to be constructed by J. Plate of Manchester for r

Date first visit 18<sup>th</sup> Nov last visit r No. of visits r

The 31 Plates specified in the accompanying copy of Advice Notes were rolled from One charge. The tensile test has been applied to 2 samples as set forth below, and the temper and bending tests Satisfactory

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>9.8 Rad x 7/16</u>	<u>361</u>	<u>310</u>		<u>.44</u>	<u>1.0</u>	<u>.44</u>	<u>12.29</u>	<u>27.9</u>	<u>24.</u>	
	<u>3.5 1/2 x 9 1/2 x 3/8</u>	<u>"</u>	<u>316</u>		<u>.37</u>	<u>1.0</u>	<u>.37</u>	<u>10.36</u>	<u>28.0</u>	<u>25.</u>	

D.P.  
2/12/85

Fee ..... £ : :  
 Expenses £ : :  
 £ : :

C. Kentilbery  
 Surveyor, Lloyd's Register,

To be paid by Manufacturers