

No. 5135

(Received in London Office - 5 JUL. 87)

TESTS OF BOILER STEEL.

Tests of 16 Steel bars manufactured by Messrs *Beardmore & Co* of *Parkhead* for Boiler No. *283* to be constructed by Messrs *Gourlay Bros* of *Dunfermline* for *Waverley*.

Date first visit *June 24<sup>th</sup>* last visit *do* No. of visits *two*

The *specimens* specified in the accompanying copy of Advice Notes were rolled from *charges*. The tensile test has been applied to *two* samples as set forth below, and the temper and bending tests *to one sample from each bar*.



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.	Brth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
	<i>Rivets.</i>	<i>H 94</i>		<i>4</i>	<i>Dia</i>	<i>1.11</i>	<i>.667</i>	<i>26.8</i>	<i>27.5</i>	<i>30</i>	<i>1 1/8 dia</i>
						<i>1.11</i>	<i>.667</i>	<i>27.2</i>	<i>28.1</i>	<i>32</i>	

*DP 8/7/87*

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

To be paid by

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*Walter Robson*  
 Surveyor, Lloyd's Register,  
*W. Gargrave*  
*7/7/87*