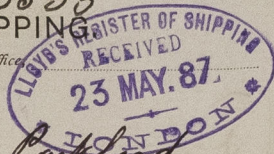


No. 4920

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 60 Steel *bars* manufactured by *Messrs Wm Brandmire & Co* of *Parkhead*
for Boiler No. *484* to be constructed by *Palmer & Co Ltd* of *Glasgow & Lyne*
for *S.S. "No 582"*

Date first visit *April 11th* last visit *do* No. of visits *One*

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

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>Rich.</i>			<i>10</i>	<i>Dia</i>	<i>.71</i>	<i>.395</i>	<i>11.4</i>	<i>28.8</i>	<i>29</i>	<i>3/4 dia</i>
	"			<i>16</i>	"	<i>.78</i>	<i>.477</i>	<i>13.8</i>	<i>28.9</i>	<i>32</i>	<i>13/16 "</i>
	"			<i>20</i>	"	<i>.89</i>	<i>.622</i>	<i>18.</i>	<i>28.9</i>	<i>33</i>	<i>15/16 "</i>
	"			<i>30</i>	"	<i>1.12</i>	<i>.485</i>	<i>28.2</i>	<i>28.6</i>	<i>33</i>	<i>1/8 "</i>
	"			<i>40</i>	"	<i>1.22</i>	<i>1.169</i>	<i>33.</i>	<i>28.2</i>	<i>35</i>	<i>1/4 "</i>
	"			<i>50</i>	"	<i>1.22</i>	<i>1.169</i>	<i>33.7</i>	<i>28.8</i>	<i>33</i>	"
	"			<i>60</i>	"	<i>1.22</i>	<i>1.169</i>	<i>32.9</i>	<i>28.1</i>	<i>36</i>	"

Fee £ : :

Expenses £ : :

£ : :

To be paid by



Walter E. Robson

Surveyor, Lloyd's Register,

Glasgow
13/4/87

Palmerus 582
(Palmerus 4848)



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Lloyd's Register
Foundation