

No. 4862

(Received in London Office, 13 MAY. 87.)

TESTS OF BOILER STEEL.

Tests of 88 Steel *has* manufactured by *Messrs Beardmore & Co* of *Parkhead*
for Boiler No. 283 to be constructed by *Messrs Goulay Bros* of *Dunfermline*
for *Warley*.

Date first visit *May 6th* 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 *5* samples as set forth below,
and the temper and bending tests *to a sample from each bar rolled.*
The 88 bars were cut from 44

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>1 1/8 inch</i>	<i>K28</i>		<i>4</i>	<i>Dia</i>	<i>1.12</i>	<i>.985</i>	<i>27.77</i>	<i>28.1</i>	<i>33</i>	
	" "	"		<i>8</i>	"	"	"	<i>28.05</i>	<i>28.4</i>	<i>36</i>	
	" "	"		<i>20</i>	"	<i>1.11</i>	<i>.967</i>	<i>28.35</i>	<i>29.2</i>	<i>32</i>	
	" "	"		<i>32</i>	"	<i>1.1</i>	<i>.95</i>	<i>27.9</i>	<i>29.3</i>	<i>35</i>	
	" "	"		<i>44</i>	"	<i>1.12</i>	<i>.985</i>	<i>27.6</i>	<i>28.</i>	<i>34</i>	

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Walter R. Robson
Surveyor, Lloyd's Register,

W. Langdon
12/5/87