

No. 8650

(Received at London Office, 15 SEP 88)

TESTS OF BOILER STEEL.

Tests of *8* Steel plates manufactured by *The Steel Co of Scotland of Blochaur*
 for Boiler No. *2116* to be constructed by *Hawthorn Leslie & Co of Newcastle*
 for their S/S. No *284*

Date first visit *11/9/88* last visit *13/9/88* No. of visits

The *specified* in the accompanying copy of Advice Notes were rolled from
 charges. The tensile test has been applied to *4* samples as set forth below,
 and the temper and bending tests *to a shearing 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. Ins.	Bri. th. Ins.	Area. Ins.	Total Tons.	Sq. Inch Tons.		
1	Shell	<i>1/2</i>	<i>B.285</i>	<i>240</i>	<i>1.14</i>	<i>1.34</i>	<i>1.528</i>	<i>42.9</i>	<i>28.0</i>	<i>26</i>	
2	"	"	<i>J.286</i>	<i>286</i>	<i>1.15</i>	<i>1.36</i>	<i>1.564</i>	<i>45.2</i>	<i>28.9</i>	<i>27</i>	<i>Cross piece</i>
3	"	"	<i>B.288</i>	<i>312</i>	<i>1.16</i>	"	<i>1.578</i>	<i>43.55</i>	<i>27.5</i>	<i>28</i>	
4	"	"	<i>A.280</i>	<i>339</i>	<i>1.16</i>	<i>1.5</i>	<i>1.74</i>	<i>50.9</i>	<i>29.2</i>	<i>25</i>	

J.P.R.
17/9/88

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

J.P. Roberts
 Surveyor, Lloyd's Register.
 Glasgow
13/9/88