

No. 13/4/86

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 47 Steel plates manufactured by Wm. Bammell & Co. of Sheffield
for Boiler No. 300 to be constructed by Earle S & Co. of Hull
for

Date first visit 16th March last visit 2nd April 86 No. of visits 4

The plates specified in the accompanying copy of Advice Notes were rolled from
18 charges. The tensile test has been applied to each samples as set forth below,
and the temper and bending tests to each plate

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>Boilers</u>	<u>140</u>	<u>2</u>	<u>25</u>	<u>.51</u>	<u>1.96</u>	<u>1.</u>	<u>62200</u>	<u>27.8</u>	<u>23</u>	
		<u>76</u>	<u>"</u>	<u>21</u>	<u>.51</u>	<u>1.9</u>	<u>.97</u>	<u>59800</u>	<u>27.5</u>	<u>26</u>	
		<u>146</u>	<u>"</u>	<u>19</u>	<u>.45</u>	<u>1.9</u>	<u>.86</u>	<u>53300</u>	<u>26.7</u>	<u>21</u>	
		<u>138</u>	<u>1</u>	<u>17</u>	<u>1.12</u>	<u>.91</u>	<u>1.02</u>	<u>63200</u>	<u>27.6</u>	<u>21</u>	
		<u>189</u>	<u>2</u>	<u>16</u>	<u>.715</u>	<u>1.26</u>	<u>.9</u>	<u>55600</u>	<u>27.6</u>	<u>26</u>	
		<u>480</u>	<u>2</u>	<u>41</u>	<u>.74</u>	<u>1.26</u>	<u>.932</u>	<u>57100</u>	<u>27.3</u>	<u>28</u>	
		<u>475</u>	<u>9</u>	<u>42</u>	<u>.74</u>	<u>1.26</u>	<u>"</u>	<u>57600</u>	<u>27.6</u>	<u>26</u>	

Fee £ : :

Expenses £ : :

£ : :

To be paid by

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David James
Surveyor, Lloyd's Register
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Foundation