

No. 1126



TESTS OF BOILER STEEL.

Tests of *6* Steel plates manufactured by *Wendale Iron & Coal Co. of Spennithorne* for Boiler No. *984* to be constructed by *Blair & Co. of Strickton* for

Date first visit *Dec. 22^d. 87* last visit *Jan. 9th. 88* No. of visits *Two*

The *plate* specified in the accompanying copy of Advice Notes were rolled from *Five* charges. The tensile test has been applied to *5* samples as set forth below, and the temper and bending tests *have proved satisfactory.*

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>S. B. Cr. Stay</i>	<i>4621</i>	<i>25</i>	<i>H.</i>	<i>.73</i>	<i>1.48</i>	<i>1.080</i>	<i>29.68</i>	<i>27.40</i>	<i>27.00</i>	
	<i>Side</i>	<i>4669</i>	<i>6</i>	<i>R.</i>	<i>.57</i>	<i>1.48</i>	<i>.843</i>	<i>25.00</i>	<i>29.60</i>	<i>21.00</i>	
	<i>Grinders</i>	<i>4673</i>	<i>21</i>	<i>G.</i>	<i>.71</i>	<i>1.48</i>	<i>1.050</i>	<i>29.01</i>	<i>27.60</i>	<i>26.00</i>	
	<i>Side</i>	<i>4660</i>	<i>2</i>	<i>R.</i>	<i>.57</i>	<i>1.48</i>	<i>.843</i>	<i>22.76</i>	<i>27.00</i>	<i>25.00</i>	
	<i>Top</i>	<i>4678</i>	<i>6</i>	<i>H.</i>	<i>.58</i>	<i>1.48</i>	<i>.828</i>	<i>23.66</i>	<i>28.50</i>	<i>27.00</i>	

MJ
21.1.88

Fee £ : :
Expenses £ : :
£ : :

To be paid by

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Herrin & Widdowson
Surveyor, Lloyd's Register,
West. Southwark