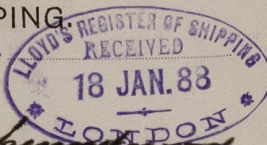


No. 1126

TESTS OF BOILER STEEL.



Tests of 6 Steel plates manufactured by Wendell Iron & Coal Co. of Spencer
for Boiler No. 984 to be constructed by Blair & Co. of Stockton
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.	%	
<u>S. B. Cr. Stay</u>	<u>4621</u>	<u>25</u>	<u>H.</u>	<u>.73</u>	<u>1.48</u>	<u>1.080</u>	<u>29.68</u>	<u>27.40</u>	<u>27.00</u>		
<u>Side</u>	<u>4669</u>	<u>6</u>	<u>R</u>	<u>.57</u>	<u>1.48</u>	<u>.843</u>	<u>25.00</u>	<u>29.60</u>	<u>21.00</u>		
<u>Grinder</u>	<u>4673</u>	<u>21</u>	<u>G.</u>	<u>.71</u>	<u>1.48</u>	<u>1.050</u>	<u>29.01</u>	<u>27.60</u>	<u>26.00</u>		
<u>Side</u>	<u>4660</u>	<u>2</u>	<u>R</u>	<u>.57</u>	<u>1.48</u>	<u>.843</u>	<u>22.76</u>	<u>27.00</u>	<u>25.00</u>		
<u>Top</u>	<u>4678</u>	<u>6</u>	<u>N.</u>	<u>.58</u>	<u>1.48</u>	<u>.828</u>	<u>23.66</u>	<u>28.50</u>	<u>27.00</u>		

W. H. W.
21.1.88

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register,

West. Harlepool