

No. 1502

(Received at London Office,

## TESTS OF BOILER STEEL.

Tests of 24 Steel plate manufactured by Weardale Iron & Coal Co. of Spennymore  
for Boiler No. 322 to be constructed by J. Dickinson of Sunderland  
for

Date first visit March 14<sup>th</sup> 88 last visit No. of visits one

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

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.		
	Comb. Ch.	5197	2	AA	.54	1.52	.810	22.32	27.50	27.00	
	"	"	2	Z	.6	1.50	.900	23.88	26.50	29.00	
	"	5183	4	K	.58	1.50	.870	23.66	27.10	27.00	
	"	5047	8	O	.57	1.50	.855	23.21	27.00	30.00	
	L.B. St.	5206	8	"	.79	1.50	1.185	33.03	26.50	29.00	

DP  
27/3/88

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.

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

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Surveyor, Lloyd's Register,  
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