

No. 635

(Received at London Office)



## TESTS OF BOILER STEEL.

Tests of Steel Plates manufactured by Heardale Iron Works Ltd of Pennymoor  
for Boiler No. 904 to be constructed by Black, Hawthorn & Co of Gateshead.  
for

Date first visit 6.4.87 last visit 19.4.87 No. of visits 3

The Plates etc specified in the accompanying copy of Advice Notes were rolled from  
5 charges. The tensile test has been applied to 5 samples as set forth below,  
and the temper and bending tests were 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.]		
	6'10 1/2" x 5'5 1/4" x 1/2"		2231		.52	1.56	.811	21.42	26.4	27.	
	7'5" x 3'5 1/4" x 1/2"		2279		.48	"	.748	20.98	28.0	30.	
	1 3/16" R <sup>2</sup> Stamp.		2296.2		1.22	dia	1.16	33.92	29.2	30	
	2 1/8" "		5 2840		1.44	"	2.34	69.40	28.0	27	
	" "		8 3081		1.44	"	2.46	69.64	28.3	27	

DP  
23/4/87

NWC797-0201

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

Surveyor, Lloyd's Register.

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Wm R. Austin

Lloyd's Register  
Foundation

West Hartlepool.



Green / Hunter 107  
Black / Hunter 71904

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