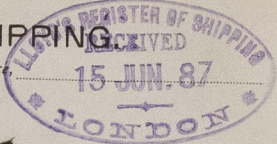


No. 409

(Received at London Office)



TESTS OF BOILER STEEL.

Tests of 14 Steel Plates manufactured by Healds Iron & Coal Co of Spennymoor for Boiler No. 603-4 to be constructed by J. Dickinson of Sunderland for

Date first visit 3.6.87 last visit No. of visits 1

The Plates 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.]		
	Shell.		3484A		1.19	18.3	1.82	50.44	27.7	29	
	"		3488C		1.20	"	1.83	53.56	29.1	23	
	Back Gate		3461B		.88	1.49	1.31	37.27	28.4	20	
	Front "		3499A		.88	"	1.21	37.42	28.7	27	
	" "		3495B		.87	"	1.29	37.05	28.5	31	

DP 16/6/87

Fee £ : :
Expenses £ : :
£ : :

To be paid by

Wm. A. Austin

Surveyor, Lloyd's Register.

Wm. A. Austin