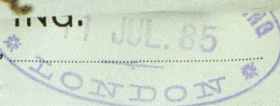


IV0. 177.

(Received in London Office,



TESTS OF BOILER STEEL.

Tests of ^{plates} 37 Steel ~~bars~~ manufactured by Wearside Iron & Steel Co. of Spinning wear
for Boiler No. 289 to be constructed by Charles Shipbuilding Co. of Hull
for

Date first visit 23rd June last visit 23rd June 1885 No. of visits one

The ~~Plates & bars~~ specified in the accompanying copy of Advice Notes were rolled from
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.	%	
		644		644A	.74	1.55	1.147	31.02	27.0	26.25	
		654		654B	.61	1.5	.915	26.56	29.0	24.25	
		642		642Q	.54	1.53	.826	22.76	27.5	24.0	
	Stays	634		634	1.5 dia		1.77	50.22	28.3	28.75	
	"	634		634	1.5 dia		1.77	50.0	28.2	28.25	M

13/7/85

Fee £ : :
Expenses £ : :
£ : :

To be paid by Manufacturers.

A. Stoddart
Surveyor, Lloyd's Register,
H. Haslepool
Foundation