

No. 3464.

TESTS OF BOILER STEEL.

Tests of 24 Steel bars manufactured by Messrs J.W. Beardmore of Partick
for Boiler No. 117 to be constructed by Messrs J. & G. Thomson of Glasgow
for S.S. The 146 building C. Connell & Co.

Date first visit 19. 3. 1886 last visit — No. of visits —

The bars specified in the accompanying copy of Advice Notes were rolled from
one charges. The tensile test has been applied to 3 samples as set forth below,
and the temper and bending tests 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.		
1	bars 1 1/2 diam	L35		64	1.0	1.0	.785	21.92	27.9	30	
2	" 1 1/4	"		92	1.0	"	.785	21.75	27.7	30	
3	" "	"		96	1.0	"	.785	22.0	28.0	31	

Fee £ : :
Expenses £ : :
£ : :

To be paid by the Manufacturer

Surveyor, Lloyd's Register.