

No. 3343.

TESTS OF BOILER STEEL.

Tests of 68 Steel bars manufactured by Messrs J.W. Beardmore of Glasgow }
for Boiler No. 117 to be constructed by Messrs J.G. Thomson of Glasgow }
for S.S. 117

Date first visit 16.2.1886 last visit — No. of visits —

The bars specified in the accompanying copy of Advice Notes were rolled from one charge. The tensile test has been applied to 4 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		
					Inch.	Inch.	Inch.	Tons.	Tons.	%	
1	Stay bars	B373		26	1.0	1.0	.785	22.1	28.1	30.	
2	"	"		20	1.0	"	.785	21.92	27.9	30.	
3	"	"		14	1.0	"	.785	22.36	28.4	29.	
4	"	"		11	1.0	"	.785	22.5	28.6	26.	
68 bars cut from 28 rolled											

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Fee £ : :

Expenses £ : :

£ : :

To be paid by

Chas. Edwards

Surrey, Lloyd's Register.

The Manufacturers Glasgow