

No. 3540.

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 98 Steel bars manufactured by Messrs J.W. Beardmore of Parkhead
for Boiler No. 1 to be constructed by Messrs Ramage Ferguson of Leith
for S. J. Prior

Date first visit 24. 4. 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		
					Ins.	Ins.	Ins.	Tons.	Tons.		
1	Round bars	M234		10	1.0	1.0	.785	21.8	27.7	27	
2	"	"		30	1.0	"	.785	21.95	28.0	29	
3	"	"		40	1.23	"	1.188	32.47	27.3	25	
4	"	"		50	1.23	"	1.188	33.36	28.0	26	

D.P.
4/5/86.

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Chas Edwards
Surveyor, Lloyd's Register
Manufacturers Glasgow 1.5.86