

No. 2668.

(Received in London Office,

TESTS OF BOILER STEEL.

Tests of 36 Steel bars manufactured by Messrs. J. W. Beardmore of Parkhead for Boiler No. 194 to be constructed by Wigham Richardson of Newcastle-on-Tyne for the SS 194

Date first visit June 8th last visit June 9th/85 No. of visits 2

The steel bars specified in the accompanying copy of Advice Notes were rolled from one charges. The tensile test has been applied to 5 samples as set forth below, and the temper and bending tests all 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	2 3/8 dia	F84		3	.99	dia	.469	21.98	28.5	29	
2	"	"		4	.98	"	.454	21.6	28.6	28	
3	"	"		11	.99	"	.469	21.59	28.	30	
4	"	"		15	1.	"	.485	21.34	24.2	29	
5	"	"		18	1.	"	.485	21.42	24.6	31	

Fee £ : :

Expenses £ : :

£ : :

To be paid by Messrs. J. W. Beardmore Glasgow