

No. 3465.

(Received at London Office,



TESTS OF BOILER STEEL.

Tests of $\frac{8}{12}$ Steel plate manufactured by Messrs J. W. Beardmore of Parkhead for Boiler No. 119 to be constructed by Messrs J. Thomson of Glasgow for S.S. 43, building by Workman Clark & Co of Belfast
 Date first visit 12. 3. 1886 last visit 22. 3. 1886 No. of visits

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 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	5" diam x 1/2"	M33	308	308	.5	1.52	.76	21.4	28.0	26	
2	6.10 x 78 x 1/16"	F50	298	298	.68	1.52	1.033	29.9	28.9	24	
3	7.6 x 40 x 7/16"	M65	415	415	.47	1.27	.596	16.5	27.6	26	
4	stay bars 2 1/2" dia	F294	3	3	.97	1.14	.739	21.37	28.9	34	
5	" "	"	6	6	.97	"	.739	20.38	27.5	29	

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Fee £ : :
 Expenses £ : :
 £ : :

Char. Edwards
 Surveyor, Lloyd's Register
 To be paid by The Manufacturers Glasgow
 27. 3. 86