

No. 3425.

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 20 Steel plates manufactured by Messrs J. & W. Beardmore of Parkhead for Boiler No. 119 to be constructed by Messrs J. & J. Thomson of Glasgow for S.S. No. 431 building by Messrs Workman Clark & Co.

Date first visit 2. 3. 1886 last visit 4. 3. 1886 No. of visits -

The plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to samples as set forth below, and the temper and bending tests proved satisfactory for each plate advised.

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	7.4 x 9.1 x 7/16	M50		612	.45	1.06	.477	13.56	28.4	25	
2	" " "	A64		399	.45	1.06	.477	14.1	29.5	27	
3	13.8 x 6.2 x 1/16	B28		613	.67	1.04	.696	20.4	29.3	28	
4	19.1 x 5.8 x 3/4	A62		734	.74	1.27	.939	27.1	28.8	26	
5	19.8 x 5.8 x 3/4	K15		735	.75	1.05	.787	22.5	28.5	24	

M 2-4.96

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

Chas. Edwards
 Surveyor, Lloyd's Register
 Manufacturers Glasgow
 13. 3. 86