

No.

(Received in London Office,

# TESTS OF BOILER STEEL.

Tests of 34 Steel plates manufactured by Messrs J. Brown & Co L<sup>d</sup> of Sheffield  
for Boiler No. to be constructed by Messrs V. Cook of Belfast  
for 2/16 + 2/17

Date first visit 14<sup>th</sup> Sep<sup>r</sup> last visit 16<sup>th</sup> Sep<sup>r</sup> 82 No. of Visits three

The plates specified in the accompanying copy of Advice Notes were rolled from  
11 charges. The tensile test has been applied to 8 samples as set forth below,  
and the temper and bending tests to every plate

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	Boilers	316	16	3709	.48	1.28	.61	18.25	29.7	25	8.7" x 2.11" x 1/2"
2		316	16	3756	.5	1.89	.945	28.25	29.8	27	" " "
3		252	12	3759	.55	1.62	.89	25.5	28.6	26	3.5" x 2.8" x 9/16"
4		327	8	3719	.74	1.25	.925	26.5	28.6	24	5.3" x 5.9" x 3/4"
5		262	2	3694	.87	1.06	.922	27	29.2	21	15.8" x 5.11" x 7/8"
6		327	8	3726	.75	1.26	.945	28	29.7	26	5.9" x 5.3" x 3/4"
7		257	5	3785	.71	1.37	.972	26	26.7	27	6.6" x 4.0" x 3/4"
8		252	12	3770	1.17	.79	.824	24	29.1	26	2.10" x 2.3" x 1.5"

Fee ..... £ 1 : 8 : 0

Expenses £ 1 : 14 : 0

£ 3 : 2 : 0

To be paid by



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Surveyor, Lloyd's Register,  
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