

No. 60



TESTS OF BOILER STEEL.

Tests of 8 Steel plates manufactured by Messrs The Brown Co. of Sheffield for Boiler No. 81482 to be constructed by Messrs Dunsinno & Jackson for Messrs Napier & McClelland Glasgow.

Date first visit Nov 30th 1887 last visit No. of visits 1

The plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 3 samples as set forth below, and the temper and bending tests low piece sheared from each plate with good results.

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.	Ribbed flues	289B		314	.62	1.54	.954	26.5	27.7	30	
2.	9"8" x 6.0" x 1/2"	285B		315	.62	1.5	.930	26.0	27.9	27	
1	Ribbed flues 9"8" x 5"11 3/4" x 1/2"	286B		316	.62	1.5	.930	26.0	27.9	29	

Fee £ : :
 Expenses £ : :
 £ : : To be paid by

