

No. 6182

(Received at London Office)



TESTS OF BOILER STEEL.

Tests of 54 Steel plates manufactured by Messrs. Bewick Sons of Newcastle for Boiler No. 247 to be constructed by Hall Russell of Aberdeen for ✓

Date first visit 16/2/87 last visit 5/1/88 No. of visits ✓

The ✓ specified in the accompanying copy of Advice Notes were rolled from ✓ charges. The tensile test has been applied to 6 samples as set forth below, and the temper and bending tests applied to 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.	Tens.	Tons.		
	20-9½ x 60¼ x 1/32	4008		3490	1.26	1.14	1426	41.7	29.0	20.0	✓
	9-2½ x 32 x 1/32	2221		4008	.54	1.7	.918	26.10	28.4	21.5	✓
	5-6 x 60 x 1/2	2201		4146	.48	2.1	1.008	29.25	29.0	28.0	✓
	9-2½ x 32 x 1/32	9404		4296	.54	1.25	.675	19.7	29.1	20.0	✓
	14-4½ x 69½ x 7/8	2673		4024	.89	1.25	1.112	30.26	29.8	20.5	✓
	20-7½ x 60¼ x 1/32	4407		5908	1.27	1.22	1.529	42.77	27.5	30.0	✓

18.1.88

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

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 H. Bland
 Surveyor, Lloyd's Register.
 Glasgow
 7/1/88