

No. 6182

(Received at London Office)

TESTS OF BOILER STEEL.

Tests of 54 Steel plates manufactured by James Colville & Sons of Glasgow 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.	Brlth.	Area.	Total	Sq. Inch		
					Inch.	Inch.	Inch.	Tons.	Tons.	%	
	20-9½ x 60¼ x 1/32	16008		3490	1.26	1.14	1.426	41.7	29.0	20.0	✓
	9-2½ x 32 x 1/32	2221		4008	.54	1.7	.918	26.13	28.4	21.5	✓
	5-6 x 60 x 1/2	2201		4146	.48	2.1	1.008	29.28	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 1/8	2673		4024	.89	1.25	1.112	30.26	29.8	20.5	✓
	20-7½ x 60¼ x 1/32	9407		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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Lloyd's Register
Surveyor, Lloyd's Register.

H. Black

Glasgow
7/1/88