

TESTS OF BOILER STEEL.

Tests of 180 Steel bars manufactured by Messrs S. Colville & Co. of Glasgow for Boiler No. 80 to be constructed by James Caird & Co. of Glasgow for ✓

Date first visit 10/10/87 last visit 14/11/87 No. of visits ✓

The ✓ specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 10 samples as set forth below, and the temper and bending tests applied to a piece of each length with satisfactory 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.		
	Rivets 37/32	K203		136	.84	dia.	.554	14.82	26.7	33	
		"		107	.84	dia.	.554	15.0	27.0	32	
		"		138	.84	"	.554	14.86	26.9	30	
		"		139	.84	"	.554	15.10	27.2	31.5	
	60/64 dia	"		126	.98	"	.784	22.0	28.2	30.0	Rivets to be
		"		127	.98	"	.784	22.55	28.9	28.0	made by
	1 1/8 "	A354		71	1.11	"	.968	28.0	28.9	33.0	J. Miller of
		"		72	1.11	"	.968	28.4	29.3	22.5	Glasgow
		"		73	1.11	"	.968	28.2	30.1	31.5	
		"		74	1.11	"	.968	29.14	30.1	31.0	

Fee £ : :
Expenses £ : :
£ : :

To be paid by