

TESTS OF BOILER STEEL.

Tests of 36 2 Steel Bars manufactured by Messrs D Colville & Sons of Motherwell for Boiler No. 148 to be constructed by Messrs D. Rowan & Sons of Glasgow for Messrs A. Mc Millan & Sons S.S. No 276. Rivets to be made by Messrs Hunter, Hardin & Wilson

Date first visit Dec 10th 1886 last visit No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 7 samples as set forth below, and the temper and bending tests to a piece from each bar.

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	Rivet Bars 1 3/16 Dia	853		62	1.20	Dia	1.131	30.45	26.9	33.0	
2	"	"		71	"	"	"	30.34	26.8	33.0	
3	"	7/8	8995	33	.87	"	.594	17.13	28.8	29.5	
4	"	"	"	42	"	"	"	17.01	28.6	30.0	
5	"	1 1/16	896	16	1.19	"	1.112	29.42	26.4	32.0	
6	"	"	"	25	"	"	"	30.50	27.4	32.5	
7	"	"	"	35	"	"	"	29.50	26.5	33.0	

D.G.
7/1/87

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