

TESTS OF BOILER STEEL.

Tests of 49 Steel Bars manufactured by Messrs Colville & Sons of Motherwell for Boiler No. 87 to be constructed by Messrs Dinning & Jackson of Glasgow for Messrs Workman Clark & Co. S.S. No. 60

Date first visit May 18th 1888 last visit May 31st 1888 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 4 samples as set forth below, and the temper and bending tests to pieces of four of the bars 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.	%	
1	Stay Bar 2 3/4 Dia	7874		68	1.37	Dia 1.474	44.55	30.2	26.0		
2	" - 2 1/4 -	N 352		101	1.39	" 1.517	42.30	27.8	24.5		
3	" - 2 1/8 "	"		145	1.36	" 1.453	38.04	26.1	30.5		
4	" " 1 3/8 "	J 335		25	1.37	" 1.474	38.80	26.3	35.0		

Handwritten signature and date:
 12/6/88

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

Handwritten signature: H. M. Dowell
 Surveyor, Lloyd's Register
 Glasgow
 56.88