

TESTS OF BOILER STEEL.

Tests of 43 Steel Bars manufactured by Messrs Dalville & Sons of Motherwell for Boiler No. 940 to be constructed by Messrs Blair & Co of Stockton for Messrs Wm & Co 29. No 142

Date first visit Oct 28th/886 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 4 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 th. 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.		Extens. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	Round Bar 1 1/2 Dia A37			3	1.51	Dia	1.791	57.55	28.7	28.0	
2	" " 3" C669			53	.77	2.23	1.717	50.48	29.3	24.0	
3	" " 2 1/4" A36			58	.82	2.0	1.64	45.10	27.5	20.0	
4	" " 2 1/4" C650			59	.83	2.13	1.768	50.92	28.8	20.0	

mm 11.96

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by



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H. M. Doul  
Surveyor, Lloyd's Register,  
Glasgow  
4.11.86