

No. 3424

(Received in London Office)

TESTS OF BOILER STEEL.

Tests of 44 Steel *has* manufactured by Messrs J.M. Beardmore of Glasgow
 for Boiler No. 97 to be constructed by Messrs Wm Houston of Glasgow



Date first visit 14.7.1886 last visit _____ No. of visits _____

The *two* bars specified in the accompanying copy of Advice Notes were rolled from *two* charges. The tensile test has been applied to 5 samples as set forth below, and the temper and bending tests *proved satisfactory*

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	Riv. bars	M247		10	.95	1.708	20.2	28.5	32		
2	"	"		20	.95	1.708	20.64	29.1	30		
3	"	"		30	.95	1.708	20.42	28.8	31		
4	"	"		44	.8	1.502	14.83	29.5	32		
5	"	F285		1	1.09	1.933	27.48	29.4	24		

D.P.
22/7/86

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by *The Makers*
 Surveyor, Lloyd's Register
Edwards
 Glasgow
 21.7.86