

No. 3959

TESTS OF BOILER STEEL.

Tests of 89 Steel bars manufactured by The Steel Co of Scotland Glasgow
for Boiler No. 11 to be constructed by Messrs Central Iron Works of N. Liverpool
for

Date first visit last visit Constant
No. of visits attendance

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 9 samples as set forth below,
and the temper and bending tests applied to piece off 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.		
	R ^d 2 1/4 dia			490	1.19	dia	1.112	31.5	28.3	27.0	
	"			499	1.19	"	1.112	30.6	27.5	31.0	
	"			294	1.19	"	1.112	32.8	29.4	28.0	
	"			222	1.19	"	1.112	31.0	27.8	30.0	
	"			289	1.18	"	1.094	31.9	29.1	27.5	
	R ^d 2 1/2 dia			506	1.19	"	1.112	32.7	29.4	29.0	
	R ^d 1 1/2 dia			543	1.18	"	1.094	32.6	29.8	28.0	
	"			563	1.19	"	1.112	32.5	29.2	31.5	
	"			555	1.18	"	1.094	31.8	29.0	27.0	

D.A.
27/10/86

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Fee £ : :
Expenses £ : :
£ : :

To be paid by



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J. H. and
Surveyor, Lloyd's Register
Glasgow
25-10-86