

TESTS OF BOILER STEEL.

Tests of 117 Steel bars manufactured by The Steel Co. of Scotland of Newbury
for Boiler No. 160 to be constructed by Messrs J. Rowan & Co. of Glasgow
for ✓

Date first visit 22-5-88 last visit 25-5-88 No. of visits ✓

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 one in ten pieces, with
good 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 bars 2 1/2 dia	E110		✓66	1.20	dia	1.13	32.1	28.4	27	
2	"	"		830	"	"	"	32.3	28.5	27.5	
3	" 1 3/4	R99		600	1.19	dia	1.112	31.5	28.3	27	
4	" 1 3/4	B113		613	"	"	"	31.6	28.4	27.5	
5	" 1 23/64	R99		467	1.38	dia	1.496	42.2	28.2	30	
6	"	"		475	"	"	"	42	28	31	
7	"	"		485	"	"	"	42.2	28.2	30.5	
8	" 1 3/4	B113		619	1.19	dia	1.112	32	28.7	26	
9	" 1 23/64	R99		495	1.37	"	1.474	42.5	28.8	28	

Fee £ : :

Expenses £ : :

£ : :

To be paid by