

No. 4460

(Received at London Office,

28 APR 87

TESTS OF BOILER STEEL.

Tests of 97 Steel bars manufactured by The Steel Co. of Scotland of Newtoun
for Boiler No. 125 to be constructed by J & J. Thomson of Glasgow
for ✓

Date first visit 19/4/87 last visit 2/4/87 No. of visits ✓

The ✓ specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 10 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.	%		
	Stay bars				608	1.19	dia	1.112	32.7	29.4	32	} 2 5/8 dia
					634	1.19	"	1.112	32.5	29.2	32	
					617	1.19	"	1.112	32.0	28.7	30	
					612	1.19	"	1.112	33.3	29.9	27	
					644	1.19	"	1.112	32.3	29.0	31	} 2" dia
					697	1.19	"	1.112	32.5	29.2	31	
					706	1.19	"	1.112	32.6	29.3	29	
					650	1.24	"	1.207	35.0	28.9	29	} 1 3/4 dia
					658	1.24	"	1.207	34.5	28.5	34	
					670	1.25	"	1.227	35.0	28.3	33	

15

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14/11

259
2/57

Fee £ : :

Expenses £ : :

£ : :

To be paid by



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V. Sand

Surveyor, Lloyd's Register.

Glasgow

26/4/87