

No. 33-91

(Received at London Office,

TESTS OF BOILER STEEL.

Tests of 48 Steel plates manufactured by The Steel Co. of Scotland of Blackburn
for Boilers No. 241 to be constructed by Messrs J. & G. Thomson of Glasgow
for the S.S. No. 241 building by the same firm

Date first visit 30/9 last visit 4/10/87 No. of visits 2

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 shearing of each plate
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		
					Inch.	Inch.	Sq. Inch.	Tons.	Tons.	%	
1	Furnace Mounting	E. 243	4721	315	1.08	.34	9.95	29.2	22		
2	"	"	4732	.32	"	.346	10.25	29.6	20	Cross piece	
3	"	B. 259	4739	"	"	"	10.0	28.9	21	— do —	
4	"	J. 277	4532	325	1.12	.364	10.7	29.3	21.5		

Cut from 11 plates

6.10.87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

J. L. Roberts

Surveyor, Lloyd's Register.

Glasgow

4/10/87