

No 5341

(Received at London Office,

S. 9. 07

TESTS OF BOILER STEEL.

Tests of 22 Steel plates manufactured by The Steel Co. of Scotland of Glasgow
for Boiler No. 253 to be constructed by The Lidd & Glasgow Co of Glasgow
for the S.S. No. 253 building by the same firm

Date first visit 30/8 last visit 2/9/87 No. of visits 2

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 7 samples as set forth below,
and the temper and bending tests to a shearing off 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.	Br.lth.	Area.	Total.	Sq. Inch		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	Sides of C-Firebox	C.240		4184	.55	1.11	.61	16.1	26.3	25	} For W. Dble. Ended 13"
2	" wing "	"		4186	.555	"	.616	17.0	27.5	23	
3	" " "	"		4188	"	"	"	17.2	27.9	25.5	
4	" " "	F.238		4203	.55	"	.61	17.1	28.0	25	} For W. Single Ended 13"
5	" " "	"		4221	"	"	"	16.55	27.1	24.5	
6	" " C "	"		4222	.56	"	.622	17.3	27.8	25	
7	Back " wing "	"		4228	.55	"	.61	15.45	25.3	23.5	Rejected

A. L. J. 87
6. 9. 87

Fee £ : :

Expenses £ : :

£ : :

To be paid by



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Lloyd's Register
Surveyor, Lloyd's Register.

Glasgow

2/9/87