

No. 3151

(Received at London Office)

TESTS OF BOILER STEEL.

Tests of 31 Steel bars manufactured by The Steel Co of Scotland of Newtoun
for Boiler's No. 647 to be constructed by Newall & Co of Bristol
for ✓

Date first visit last visit No. of visits

The angle bars specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 6 samples as set forth below,
and the temper and bending tests as required by circular 438

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	2 1/4 x 2 1/4 x 1/4			267	.26	1.195	.311	9.1	29.2	23.0	
2	- 1/4 -			271	.265	1.195	.317	9.6	30.2	24.0	
3	- 1/4 -			274	.26	1.195	.311	9.3	29.9	23.5	
4	3 x 2 1/2 x 1/4			327	.27	1.195	.323	10.1	31.2	22.5	
5	- 1/4 -			564	.26	1.195	.311	9.4	30.2	20.0	
6	4 x 3 x 1/4			269	.27	1.195	.323	9.6	29.7	20.5	

Frame (?) & Beams No 6 & 7 Supp
not boiler steel
28/12/85

Fee £ : :
Expenses £ : :
£ : :

To be paid by



Surveyor, Lloyd's Register.

Hand
Glasgow