

No. 568

TESTS OF BOILER STEEL.

Tests of 13 Steel plates manufactured by Clydesdale Iron & Steel Co of Mossend
for ~~Gilmore's~~ patent feed heaters to be constructed by J. S. Hume & Co of Glasgow.
for S.S. No. 240-1 building by Messrs J. & G. Thomson
Date first visit 18.10.87 last visit 27.10.87 No. of visits 3

The plates specified in the accompanying copy of Advice Notes were rolled from 3 charges. The tensile test has been applied to 14 samples as set forth below, and the temper and bending tests to a shearing taken from each plate, which proved satisfactory.

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	4 3/4" dr x 7/8"	25	-	398	.84	1.28	1.075	31.0	28.8	25.	
2	8.7" x 68" x 5/8"	2504	-	399	.59	1.28	.755	21.1	27.9	23.	rejected for under quality also plate no 400 Replace plate 4 nos. 399 & 400
3	8.7" x 68" x 5/8"	a655		914	.64	1.25	.8	23.9	29.8	20.	
4	" " " "	"		915	.645	1.25	.806	23.3	28.9	21.	

31.10.87

Fee £ : :
Expenses £ : :
£ : :

To be paid by

CR Burney
Surveyor, Lloyd's Register,
Glasgow 20/10/87

GLS213-0126