

TESTS OF BOILER STEEL.

Tests of 54 Steel plates manufactured by Messrs. A. Beadmore & Co. of Parkhead for Boiler No. 354 to be constructed by Messrs. Denny & Co. of Dumbarton. for S.S. building by the same firm -

Date first visit 9th July last visit 11th July No. of visits Constant attendance.

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 5 samples as set forth below, and the temper and bending tests applied to piece cut off each plate with satisfactory results. The above 54 plates were cut from 27 slabs.

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	3.3 x 12 1/2 x 22 x 3/8	K197		1625	.71	1.1	.781	22.2	28.4	23.0	L
2	10.0 x 8 1/2 x 9/16	D175		1364	.6	1.13	.678	19.2	28.3	23.0	L
3	13.7 1/4 x 7 5/8 x 1 3/8	K195		441	1.38	1.24	1.711	48.9	28.5	29.0	L
4	7.3 1/2 Rad 7 1/2 x 3/4	B166		503	.79	1.11	.876	25.3	28.8	29.0	L
5	13.7 1/4 x 7 1/2 x 1 3/8	K191		477	1.38	1.06	1.462	41.2	28.1	32.0	L

16.7.88

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.

Fee £ : :
Expenses £ : :
£ : :
To be paid by

James Johnston
Surveyor, Lloyd's Register
Glasgow 11/7/88

GLS213-0194