

TESTS OF BOILER STEEL.

Tests of 40 Steel plates manufactured by Messrs. N. Beardmore & Co. of Parkhead for Boiler No. 258, to be constructed by Messrs. N. Simon & Co. of Renfrew, for the S.S. No. 258 building by the same firm.

Date first visit 27th Jan. last visit 2nd Feb. No. of visits 2. Constant attendance.

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 applied to pieces cut off each plate with satisfactory results. The above 40 plates were cut from 13 slabs.

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. <i>Dimensions</i>	Charge Mark.	No. of plate 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.	%	
	9.9 x 30 x 9/16	K 8	1942		55	1.21	665	19.9	29.9	24.0	
	5.1 1/2 x 18 x 15/16	M 10	1956		45	1.12	1064	30.5	28.6	23.0	
	4.6 x 18 x 15/16	M 13	1087		42	1.24	1114	31.6	27.7	26.0	
	6.5 1/2 x 60 x 1/2	B 12	1083		5	1.26	63	17.4	27.6	11.0	Defective samples
	" " "	"	"		57	1.22	622	17.84	28.6	21.0	

D.S. 3/2/88

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by

J. M. Christie
 Surveyor, Lloyd's Register
 Glasgow 1/7/88