

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. Simons & 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.

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	K8	1942		55	121	665	19.9	29.9	24.0	
	5.1 1/2 x 18 x 15/16	M10	1956		95	112	1064	30.5	28.6	23.0	
	4.6 x 18 x 15/16	M13	1087		92	124	114	31.6	27.7	26.0	
	6.5 1/2 x 60 x 1/2	B12	1083		5	126	63	17.4	27.6	11.0	Defective Sample
	" " "	"	"	"	57	122	622	17.84	28.6	21.0	

Fee £ : :
Expenses £ : :
£ : :

To be paid by

Surrey, Lloyd's Register

Glasgow 1/7/88