

TESTS OF BOILER STEEL.

Tests of 42 Steel bars manufactured by J. W. Beardmore of Glasgow for Boiler No. 300 to be constructed by Denny & Co of Dumbarton for S.S. No 304 building by Messrs Denny Bros

Date first visit last visit No. of visits

The 42 bars specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 7 samples as set forth below, and the temper and bending tests 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.	%	
40 Bars	2 5/8" Dia	D189	30	1" Dia	785	23.5	24.9	24.7			
		D238	4	"	785	20.88	26.5	30			Cut from 11 bars
		D245	8	"	785	21.57	27.5	31			
32 Bars	3" Dia	"	9	9/8"	754	21.83	27.8	24			Cut from 10 bars
	"	"	10	1" "	785	21.1	26.8	31			
	"	D238	5	1" "	785	21.7	27.4	24			
	"	D245	7	1" "	785	22.50	28.6	28			

Fee £ : :
Expenses £ : :
£ : :

To be paid by