

Glasgow Report No. 6803.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 1793.

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 120 Steel plates manufactured by Messrs J. W. Beardmore of Parkhead, Glasgow for Boiler No. 285 to be constructed by Messrs Denny & Co of Dumbarton for Messrs Wm Denny & Co's S.S. No. 282

Date first visit 27/12/83 last visit 17/3/84 No. of Visits 8

The plates specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 16 samples as set forth below, and the temper and bending tests to a shearing from each plate, with satisfactory results.

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.		
	4. in in in										
	11.8 1/2 x 67 1/4 x 1 1/4	F382		90	1.23	1. 1.23	36.4	29.5	28		
	11.11 x 60 1/4 x 1 1/4	F383		91	1.23	1.01 1.24	37.6	30.3	24		
	11.11 x 60 1/4 x 1 1/4	F403		92	1.26	1. 1.26	36.7	29.1	27		
	14.0 x 60 1/4 x 1 1/4	F363		93	1.22	1. 1.22	35.7	29.2	28		
	5.1 x 34 x 9/16	D6		608	.68	1.23 .836	21.8	26.	23		
	Sketel x 3/4	F13		738	.77	1.02 .785	21.4	27.2	31		
	4.0 1/2 x 20 3/4 x 1 1/4	F18		801	1.2	1.03 1.22	34.2	28.	30		
	16.0 3/4 x 60 1/4 x 1 1/4	F420		804	1.26	1.06 1.22	39.5	29.7	24		
	4.6 7/8 x 20 3/4 x 1 1/4	F10		720	1.24	1.03 1.27	35.4	27.8	22		
	Sketel x 1/6	F15		880	.7	1.27 .889	24.61	27.6	29		
	1.8 3/4 x 9 1/2 x 1	F395		806	1.	1.03 1.03	27.1	26.3	32		
	4.6 1/2 x 20 3/4 x 1 1/4	F10		723	1.23	1.03 1.26	35.1	27.8	29		
	4.6 7/8 x 20 3/4 x 1 1/4	F7		242	1.22	1.01 1.23	36.7	29.8	29		
	15.9 1/2 x 67 1/4 x 1 1/4	F380		571	1.21	1.03 1.24	36.72	29.6	25		
	16.0 3/4 x 60 1/4 x 1 1/4	F403		240	1.25	1. 1.25	36.26	29.	23		
	4.3 1/2 x 34 x 9/16	F35		40	.56	1.51 .845	23.27	27.5	30		

W. J. Andrew
2.5.84

7800-102579

Fee £ : :
Expenses £ : :
£ : :

To be paid by Messrs J. W. Beardmore Glasgow 26/4/84

