

Glasgow Report No. 6484

No. 16 ^{1/1} LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received in London Office, 3 MAR 84)

TESTS OF BOILER STEEL.

Tests of 39 Steel plates manufactured by Messrs. J. & W. Beardmore of Parkhead, Glasgow for Boiler No. 287 to be constructed by Messrs. Denny & Co. of Dumbarton for Messrs. W. Denny & Co. P.S. No. 285

Date first visit 20/2/84 last visit 29/2/84 No. of Visits 4

The plates 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 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.		
	8.6 1/2 x 24 1/2 x 1/2	F 289		605	.5	1.46	.78	20.1	27.5	28	
	40 x 12 3/4 x 3/4	F 6		607	.75	1.28	.922	25.54	27.7	29	
	2.10 x 34 x 3/4	K 14		683	.77	1.01	.777	21.7	27.9	29	
	Sketch x 1/16	F 14		672	.7	1.28	.861	24.3	28.2	24	
	7.10 1/4 x 65 3/4 x 5/8	D 13		780	.64	1.26	.806	21.7	26.9	32	

Fee £ : :
 Expenses £ : :
 £ : :

To be paid by Messrs. J. & W. Beardmore Glasgow


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 W. G. 3/3/84
 W. G. Andrews
 Surveyor, Lloyd's Register
 Foundation
 GLS200-0209
 1/3/84