

No. 5865

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

(Received at London Office)

TESTS OF BOILER STEEL.

Tests of 105 Steel plate manufactured by Messrs J. Colville & Co of Glasgow for Boiler No. 221 to be constructed by Messrs Wigham Richards & Co of Newcastle-on-Tyne for ✓

Date first visit 16/11/87 last visit 24/11/87 No. of visits ✓

The ✓ specified in the accompanying copy of Advice Notes were rolled from ✓ charges. The tensile test has been applied to 8 samples as set forth below, and the temper and bending tests applied to each plate with good results

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.		
	6-4 3/4 R x 54 3/4 x 1	4298		4070	1.04	1.56	1.621	46.02	28.3	26.0	
	17-11 3/8 x 67 3/8 x 5/16	4412		4202	.97	1.25	1.212	33.2	27.3	28.0	
	— 8° —	442		2337	.96	1.66	1.593	45.84	28.7	15.0	
				2337	.96	1.7	1.632	43.32	26.5	30.0	duplicate
	6-4 3/4 R x 62 x 7/16	4402		4256	.7	2.03	1.421	39.0	27.4	30.0	
	17-11 3/8 x 67 3/8 x 5/16	4499		4316	.97	1.39	1.348	37.85	28.0	21.5	
	17-8 3/8 — —	1390		5244	.96	1.21	1.161	34.83	30.0	24.0	
	17-11 3/8 — 8° —	4375		5242	.94	1.2	1.128	33.48	29.6	24.5	
	17-8 3/8 — 8° —	4416		5176	.95	1.47	1.396	40.55	29.0	23.5	

W.P.  
29/11/87

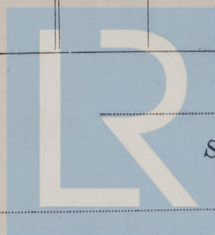
When a second test is applied, the result should be recorded immediately below the record of the original test. The number of plates or bars included in a rejection must be clearly stated.

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by



Surveyor, Lloyd's Register,

Glasgow

24/11/87