

No. 4920

(Received in London Office)



TESTS OF BOILER STEEL.

Tests of 60 Steel bars manufactured by Messrs Wm Brandme & Co of Parkhead for Boiler No. 484 to be constructed by Palmers Co Ltd of Jarrow-on-Tyne for S.S. No 582

Date first visit April 11th last visit 80 No. of visits One

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to seven samples as set forth below, and the temper and bending tests to a sample from each.

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.		
	Plates.			10	Dia	.71	.395	11.4	28.8	29	3/4 dia
	"			16	"	.78	.477	13.8	28.9	32	13/16 "
	"			20	"	.89	.622	18.	28.9	33	15/16 "
	"			30	"	1.12	.985	28.2	28.6	33	1/8 "
	"			40	"	1.22	1.169	33.	28.2	35	1/4 "
	"			50	"	1.22	1.169	33.7	28.8	33	.
	"			60	"	1.22	1.169	32.9	28.1	36	.

D.P. 25/5/87

Fee £ : :
 Expenses £ : :
 £ : : To be paid by

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 Walter E. Robson
 Surveyor, Lloyd's Register
 Glasgow
 13/4/87
 NWC797-0273

Palmer 582
(Palmer 4848)



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