

No. 4652

(Received in London Office)

RECEIVED
18 APR. 87

TESTS OF BOILER STEEL.

Tests of 27 Steel plates manufactured by The Steel Co. of Scotland of Glasgow
for Boiler No. 484 to be constructed by Messrs Palmers S.B.C. of Newcastle
for S.S. No. 582 building by the same firm

Date first visit 9th April last visit — No. of visits 1

The — specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to 9 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.	%	
	Manhole ring	C.95		990	.73	1.19	.869	25.6	29.4	20	
	Comb. br.	G.85		844	.565	1.27	.718	19.7	27.4	24	
	Bk. Tube plate	H.96		867	.72	1.27	.914	27.1	29.6	22	
	Comb. br.	G.86		925	.58	1.23	.713	20.03	28.1	23.5	
	Bk. middle	B.98		952	.75	1.23	.923	27.15	29.4	23	
	Furnace front	H.94		8667	.775	1.33	1.031	30.75	29.8	25	
	Shell	E.83		8702	1.24	1.27	1.575	46.6	29.5	23	
		J.81		8717	1.21	1.13	1.367	38.67	28.2	26	
	Shell strap	M.97		8726	1.09	1.23	1.341	39	29	26	

Invoice signed 14/4/87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

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J. H. Roberts
Surveyor, Lloyd's Register,
Glasgow
21/4/87
16/4/87

Palmer 582
484



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Foundation

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