

No. 4804

(Received in London on)



TESTS OF BOILER STEEL.

Tests of 97 Steel plate manufactured by The Steel Co. of Scotland of Glasgow for Boilers No. 201 to be constructed by Messrs. Harland & Wolff of Belfast for R.O. Liner building by the same Firm "Oceana". Bel Rep. 3402

Date first visit 24/12/86 last visit 15/3 No. of visits 14

The specified in the accompanying copy of Advice Notes were rolled from charges. The tensile test has been applied to 30 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.	%	
	Top back	A.53	8542	1.13	1.17	1.322	27.3	28.2	30		
	Front Tube at BK	F.58	8545	.96	1.15	1.104	29.55	26.7	29.5		
	Shell	G.21	8892	1.17	1.31	1.533	44.0	28.7	25		
	"	E.16	8848	1.15	1.31	1.506	45.0	29.8	22		
	"	G.13	8753	1.21	1.18	1.428	42.6	29.8	23		
	Top Front	E.15	8869	1.16	1.37	1.589	46.0	28.9	26		
	" back	L.12	8756	1.15	1.37	1.576	46.8	29.7	22		
	Btm. "	O.5	8722	.825	1.31	1.081	31.2	28.8	24		
	Shell	B.24	8986	1.17	1.3	1.521	41.8	27.5	22		
	Top Front	F.22	8975	1.15	1.14	1.311	38.18	29.1	23		
	Furnace "	H.24	8997	.84	1.3	1.092	31.1	29	25		
	End plate	G.420	9230	.795	1.27	1.07	28.2	27.9	25		
	Shell Strap	F.66	1352	.945	1.27	1.2	32.85	27.3	30		
	" "	E.24	132	.95	1.25	1.187	31.3	26.3	28.5		Asmealed
	Shell	B.21	8940	1.2	1.14	1.368	40.4	29.5	25		
	"	F.22	8973	1.17	1.3	1.521	45.5	29.9	23		
	"	B.24	8990	1.17	1.27	1.486	41.9	28.2	22.5		
	Ec. Tube at BK	F.23	9015	.86	1.07	.92	24.8	26.9	26.5		
	End plate	K.5	8604	.895	1.3	1.163	32.1	27.6	25		
	Bottom BK	J.386	8954	.84	1.27	1.067	30.7	28.7	25.5		
	Top Front	L.419	8961	1.13	1.27	1.435	41.9	29.1	26.5		
	Furnace "	D.371	9064	.84	1.28	1.075	32.0	29.8	28		
	Front Tube	F.7	961	.82	1.3	1.066	31.08	29.1	28		
	Shell	D.15	8774	1.2	1.3	1.56	45.1	29.0	27		
	"	F.10	8702	1.24	1.3	1.612	48.1	29.2	28.5		
	"	K.12	8766	1.21	1.15	1.391	40.9	29.4	28		
	Bottom Front	K.436	9125	.753	1.27	.959	26.9	28.0	25		
	Ec. Back	A.394	9054	.753	1.27	.959	28.25	29.4	25		
	Bottom "	B.346	3158	.72	1.28	.922	26.1	28.3	23		
	Front Tube	C.425	3525	.74	1.17	.866	23.7	28.9	24		
	Last Invoice signed				5/8/87						

Fee £ : :

Expenses £ : :

£ : :

To be paid by

John Anderson for J. Roberts

Surveyor, Lloyd's Register,

Glasgow 5/8/87