

No. 44

(Received in London Office, 8/6/82.)

TESTS OF BOILER STEEL.

Tests of 98 Steel Plates manufactured by Laudore Steel Co. Ltd. of Laudore for Boiler No. 155 to be constructed by Wallsend Shipway Co. of Newcastle for

Date first visit 27th May last visit 1st June No. of Visits 2

The 98 Plates specified in the accompanying copy of Advice Notes were rolled from 10 charges. The tensile test has been applied to 5 samples as set forth below, and the temper and bending tests to every Plate with satisfactory 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.	%	
59	Shell Plate	27/5B	3	R	.63	1.5	9.45	26.	27.5	30	
68	Furnace	27/5C	4	"	.51	1.28	6.53	18.125	27.75	30	98 Plates rolled
61	"	27/5B	3	"	.63	1.28	8.06	22.50	27.9	30	in 45 labs.
58	Shell	27/5E	3	"	.63	1.51	9.5	25.	26.3	30.50	
77	Tube Plate	27/5H	2	"	.79	1.3	1.02	28.25	27.69	27.50	

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 £ 2 : 2

Expenses £ : 7

£ 2 : 2

To be paid by Laudore Steel Co.

Surveyor, Lloyd's Register,

Thos. Ashton
Swansea

S.S. "Klyde"



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Foundation