

No. 565

(Received at London Office, 4 MAR 87)

TESTS OF BOILER STEEL.

Tests of 24 Steel Plates manufactured by Beardall Iron Works Co of Spennymoor for Boiler No. 16 to be constructed by Central Marine Eng Co of West Hillpool, for

Date first visit 22. 2. 87 last visit No. of visits 1

The Plates specified in the accompanying copy of Advice Notes were rolled from 6 charges. The tensile test has been applied to 13 samples as set forth below, and the temper and bending tests were 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.		
	Compensating Ring.			2898B	1.12	1.55	1.726	47.56	27.2	27	
	Shell			2854B	1.09	1.54	1.678	47.32	28.2	26	
	"			"	1.08	"	1.663	47.10	28.3	27	
	"			2847D	1.09	1.55	1.689	46.41	27.4	27	
	"			"	1.10	"	1.705	46.86	27.4	29	
	Cover plates			2478B	.75	1.51	1.132	31.46	27.7	26	
	Gusset "			2710	.52	"	.785	21.42	27.3	30	
	2 3/8" R. Bars	2503	29	2503	1.76	dia	2.43	66.50	27.3	28	
	"	"	30	"	1.73	"	2.35	64.72	27.5	30	
	"	"	4	"	"	"	2.35	64.28	27.3	27	
	2 1/4 "	"	11	"	1.74	"	2.34	62.04	26.1	30	
	1 1/2 "	"	22	"	1.50	"	1.76	50.44	28.6	32	
	"	"	23	"	1.51	"	1.79	48.90	27.3	32	

Fee £ : :
Expenses £ : :
£ : :

To be paid by

Surveyor, Lloyd's Register.

West Hillpool