



No. 530

**TESTS OF BOILER STEEL.**

Tests of 84 Steel Plates manufactured by Heardale Iron Works Co of Spennymoor  
 for Boiler No. 16 to be constructed by Central Marine Eng Co of West Hartlepool  
 for \_\_\_\_\_

Date first visit 8.2.87 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 8 samples as set forth below,  
 and the temper and bending tests to a sample from each plate  
 with satisfactory results.

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.	%	
	Shell stram		2687 F		1.10	1.54	1.727	47.76	27.6	22	
	" "		2688 B		1.09	"	1.711	48.44	28.3	22 1/2	
	" "		2687 C		1.11	1.56	1.731	45.70	26.4	31	
	" "		"		1.09	1.55	1.689	46.41	27.4	31	
	Combr CWK		2700 H		.61	1.57	.957	26.11	27.2	29	
	" "		"		.61	"	.957	25.89	27.0	30	
	Enders		2692 F		1.08	"	1.695	48.66	28.7	26	
	"		2697		"	1.55	1.674	47.10	28.1	25	

*mp*  
17-2-87

Fee ..... £ : :  
 Expenses £ : :  
 £ : : To be paid by \_\_\_\_\_

*Wm. R. Austin*  
 Surveyor, Lloyd's Register,  
 West Hartlepool.  
 Foundation