

No. 431

(Received at London Office,

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22 JUN. 87  
LONDON

## TESTS OF BOILER STEEL

Tests of Steel Plates manufactured by Kendal Iron & Coal Coy of Spennymoor  
for Boiler No. 840 to be constructed by J. Richardson & Sons of Hartlepool  
for J. L. Thompson & Sons No 228 vessel.

Date first visit 9.6.87 last visit \_\_\_\_\_ No. of visits 1

The Plates specified in the accompanying copy of Advice Notes were rolled from  
4 charges. The tensile test has been applied to 7 samples as set forth below,  
and the temper and bending tests were good.

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		35058		.91	1.50	1.365	38.16	27.9	27	
	"		"		.92	"	1.380	38.39	27.8	26	
	"		35088		.94	"	1.410	39.73	28.1	27	
	"		"		.95	"	1.425	40.17	28.1	24	
	"		35208		.90	1.53	1.377	38.83	28.1	29	
	"		"		.91	"	1.392	39.06	28.0	29	
	Grumace Front		35064		.74	1.49	1.102	31.69	28.7	30	

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23/6/87

Fee ..... £ : :  
Expenses £ : :  
£ : :

To be paid by

Wm R. Austin  
Surveyor, Lloyd's Register.  
Hartlepool