



No. 2270

## TESTS OF BOILER STEEL.

Tests of 29 Steel Plates manufactured by Newdale & Co. Ltd of Sheffield  
for Boiler No. 1007 to be constructed by Blair H. Ltd of Stockton  
for \_\_\_\_\_

Date first visit 1 last visit Sept 7th No. of visits 1

The plates specified in the accompanying copy of Advice Notes were rolled from  
5 charges. The tensile test has been applied to 6 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.	%	
	Shell	6221	9	a	1.31	1.5	1.965	54.0	27.4	26.	
	" Straps	"	5	D	1.11	"	1.665	45.08	27.	27.	
	Shell	6226	6	a	1.31	"	1.965	58.7	29.8	21.	
			2								
	Comb Cham?	6216	2	L	.54	1.5	.81	23.66	29.2	15.	
			1								
	End plate	6230	5	-	1.04	1.5	1.56	44.64	28.6	24.	
	"	"		E	"	"	"	45.32	29.0	26.	
	Shell	6227	7	a	1.28	"	1.92	54.24	28.2	25.	
			2								

BP  
14/9/88

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

H. M. Williams

Surveyor, Lloyd's Register,

H. M. Williams