

No. 4014

(Received in London Office,

# TESTS OF BOILER STEEL.

Tests of 49 Steel  $\mu$ . manufactured by The Steel Co Scotland of Blochaine  
for Boiler No. 206 to be constructed by Hutson Hobbs of Glasgow  
for Workman Clark No 44.

Date first visit last visit No. of visits

The specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 15 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 th. 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.	%	
	Main Shell	S321	8721	1.22	1.14	139	39.19	28.2	25.0	Ann.	
	End plate	K367	8621	805	105	926	26.8	28.9	24.0		
	Main Shell	C347	9333	1.2	1.17	1404	48.65	27.5	25.0		
	do	S346	9235	1.2	1.15	138	38.1	27.6	34.0	Ann.	
	do	A336	9257	1.21	1.15	1391	38.25	27.5	29.5	Ann.	
	do	S343	9157	1.2	1.23	1476	41.7	28.1	25.0		
	do	R349	9212	1.17	1.23	1439	41.0	28.0	22.0		
	Shell straps	S330	9157	.96	1.17	1123	33.65	30.0	26.5		
	do	F324	9066	925	1.17	1082	30.6	28.2	23.0		
	Front Top	F334	9065	94	1.29	1212	33.55	27.6	27.0		
	C. Ch. bati	L343	8985	71	1.29	916	27.35	29.9	25.0		
	" back	S326	2639	.49	1.39	181	17.8	26.1	24.5		
	" Sides	S319	1853	.53	1.16	615	16.65	27.0	23.0		
	Batt. back	F312	8746	81	1.23	996	29.6	29.7	22.5		
	Centre "	M357	8829	8	1.23	984	27.75	28.1	25.0		

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by