

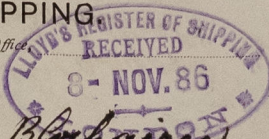
No. 3995

TESTS OF BOILER STEEL.

Tests of 126 Steel 14. manufactured by The Steel Co Scotland of Blackburn  
for Boiler No. 11 to be constructed by Central Marine Co of Middlesbrough  
for

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 17 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.	%	
	Bark tube fl.	A268	8708	94	136	1278	36.75	28.4	26.0		
	do	"	8710	94	125	1175	34.55	29.4	25.0		
	C. Ch <sup>o</sup> side	K306	1703	62	113	701	18.95	27.0	26.5		
	Turnace front	"	1711	71	125	887	23.75	26.7	22.5		
	Straps	B258	9038	1.06	137	1452	42.4	29.2	22.0		
	Front Lap	K315	8921	91	123	1119	30.6	27.3	26.5		
	Front Tube	"	8948	93	123	1144	32.15	28.1	26.5		
	Girders	B312	9144	107	134	1433	41.3	28.8	25.0	28 cut fr 2 plates	
	Main Shell	F296	9213	109	121	1319	37.3	28.2	23.		
	- Strap	"	9228	107	124	1326	36.9	27.8	23.5	28 cut fr 2 plates	
	Main Shell	B307	9291	109	135	1471	43.6	28.9	22.		
	do.	B230	9290	108	135	1458	40.9	28.0	26.5		
	do.	B266	9210	106	121	1283	27.3	29.0	25.0		
	do.	K337	8504	106	115	1219	31.0	27.1	28.5		
	Girders	A309	8691	104	115	1196	34.55	28.8	24.	28 cut fr 3 plates	
	Main Shell	F299	9157	107	115	123	35.1	28.5	25.		
	" straps	H360	9144	109	117	1275	35.7	28.0	28.		

MM 9-11-96

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by

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John Sanderson  
Surveyor, Lloyd's Register,  
Glasgow  
30/10/86  
STK913 - 0289