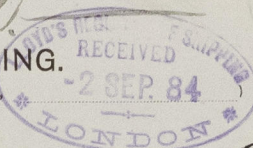


Glasgow Reports No 6848+6950

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

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## TESTS OF BOILER STEEL.

Tests of <sup>plates</sup> 288 Steel plates manufactured by David Colville & Co. of Motherwell.  
for Boiler Nos 290-1 to be constructed by Messrs A. Stephen & Sons Glasgow.  
for S.S. 290-1 building by same firm.

Date first visit 8.8.84 last visit 29.8.84 No. of Visits 6

The steel plates specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 26 samples as set forth below,  
and the temper and bending tests to a sample taken from each of  
the plates advised, all of which proved 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.	Dimensions	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.		
1.	20' 2 1/4 x 46 3/4 x 1 1/16	4379	-	1914	.67	.95	.639	19.77	20.9	25.	
2.	3.8 dr x 1/2	4736	-	1333	.505	1.56	.787	21.96	27.9	26.5	
3.	13.8 1/2 x 45 x 1 1/16	4735	-	1403	.8	1.69	1.352	40.4	29.8	27.	
4.	20' 2 1/4 x 46 3/4 x 1 1/16	4748	-	2184	.698	1.51	1.053	20.	28.4	27.5	
5.	8.5 x 46 3/4 x 1 1/16	4386	-	2080	.583	1.875	1.093	28.6	26.1	30.	
6.	10.6 x 51 x 36 x 1 1/16	4747	-	2120	.47	1.56	.733	21.0	28.6	23.5	
7.	3.8 dr x 1/2	4749	-	2154	.502	1.563	.784	22.38	28.5	26.5	
8.	13.8 1/2 x 45 x 1 1/16	4743	-	3850	.803	1.37	1.1	31.74	28.8	27.5	
9.	" 60 x 4	4730	-	2114	.828	1.485	1.229	32.79	26.6	28.5	
10.	" " "	4737	-	2416	.83	1.49	1.236	33.56	27.1	27.	
11.	10.1 x 61 x 7 1/16	4669	-	2520	.423	1.667	.705	19.43	27.5	27.	
12.	8.11 x 55 1/2 x 7 1/16	4796	-	2552	.46	1.667	.766	21.66	28.2	27.5	
13.	7.3 x 47 x 35 x 1 1/16	4736	-	2608	.66	1.522	1.004	26.75	26.6	20.	
14.	" " " " "	4717	-	3226	.72	1.873	1.34	36.0	26.7	29.	
15.	8.5 x 46 3/4 x 1 1/16	4748	-	1665	.57	1.65	.94	25.95	27.6	24.	
16.	5.5 x 55 x 1 1/16	4729	-	1725	.7	1.94	1.358	34.77	25.6	30.5	
17.	13.8 1/2 x 45 x 1 1/16	4384	-	4748	.8	1.845	1.476	44.88	30.4	28.	
18.	8.6 1/2 x 78 x 1 1/16	4390	-	4156	.53	1.4	.742	21.8	29.3	25.	
19.	19.11 1/2 x 46 3/4 x 1 1/16	4383	-	5284	.7	1.45	1.015	29.13	28.6	27.5	
20.	6.2 x 70 1/2 x 65 x 1 1/16	4732	-	5470	.507	1.468	.744	20.9	28.	27.	
21.	5.6 x 49 x 7 1/16	4728	-	5648	.432	1.69	.73	21.93	30.	20.5	
22.	3.6 x 11 x 1 1/16	4721	-	3165	.72	1.825	1.314	39.7	30.2	26.0	
23.	3.2 x 11 x 1 1/16	4748	-	3637	.689	1.55	1.067	31.04	29.	27.	
24.	6.2 x 60 x 70 1/2 x 1 1/16	4724	-	5470	.501	1.2	.601	16.3	27.	26.	
25.	5.5 dr x 1/2	4743	-	5672	.49	1.3	.637	16.9	26.5	26.5	
26.	3.8 " x 1/2	2660	-	1974	.5	1.4	.7	19.67	28.1	29.	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by D Colville & Co Glasgow



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