

TESTS OF BOILER STEEL.

Tests of 22 Steel Plates manufactured by Messrs DeCoville & Sons of Motherwell
for Boiler No. 283 to be constructed by Messrs Gourlay Bros of Dundee
for their S.S. No 132

Date first visit May 27th 1887 last visit May 30th 1887 No. of visits

The specified in the accompanying copy of Advice Notes were rolled from
charges. The tensile test has been applied to samples as set forth below,
and the temper and bending tests to a shearing from each plate with
satisfactory results.

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19 DEC. 87
LONDON

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.		
1	6.2 Dra x $\frac{9}{16}$	N44		5411	.59	1.62	.955	26.03	27.2	29.0	2 plates rejected
2	8.11 $\frac{7}{8}$ x 45 $\frac{1}{2}$ x $\frac{3}{8}$	L157		4857	.39	1.47	.573	17.74	30.9	23.0	
					.39	1.63	.635	19.80	31.2	24.0	
3	6.6 x 54 $\frac{1}{2}$ x 40 $\frac{3}{4}$ x $\frac{15}{32}$	B999		5371	.43	1.69	.760	21.4	28.1	26.0	
4	8.11 $\frac{7}{8}$ x 45 $\frac{1}{2}$ x $\frac{3}{8}$	L157		4855	.39	1.47	.573	16.72	29.1	24.0	
5	4.9 Dra x $\frac{1}{2}$	-		4865	.52	2.04	1.060	31.40	29.5	21.0	

DF
2/6/87

Fee £ : :

Expenses £ : :

£ : :

To be paid by

H. M. Dove
Surveyor, Lloyd's Register.

Glasgow
31.5.87