

# TESTS OF BOILER STEEL.

137. 18 Steel plates manufactured by David Colville & Sons of Motherwell  
Boiler No. 328 to be constructed by the Nth. Eastern M.E. Co of Sunderland  
P.S. No 128 building by the Snd S.D. Co.

Date first visit 6.11.84 last visit 24.11.84 No. of Visits 2

The plates specified in the accompanying copy of Advice Notes were rolled from  
charges. The tensile test has been applied to 2 samples as set forth below,  
the temper and bending tests proved satisfactory.

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.		
19.5 <sup>1</sup> / <sub>4</sub> x 61 <sup>1</sup> / <sub>2</sub> x <sup>7</sup> / <sub>16</sub>	4538	-	782	718	163	117	32.83	28.0	28.	
6.4 <sup>1</sup> / <sub>4</sub> x 26 x <sup>1</sup> / <sub>2</sub>	K293	-	2884	49	148	725	20.28	27.9	24.5	

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by D. Colville & Sons.

Surveyor, Lloyd's Register, 27.11.84.

C. E. Burney.

Glasgow.