

No. 49th

(Received in London Office) RECEIVED 18th SEP. 92

TESTS OF BOILER STEEL.

Tests of 3 Steel Plates manufactured by Mr D. Colville of Motherwell for Boiler No. 144 to be constructed by Messrs W. Richardson of Newcastle-upon-Tyne for

Date first visit 14th June 1882 last visit 5th July 1882 No. of Visits 3

The Steel Plates specified in the accompanying copy of Advice Notes were rolled from 3 charges. The tensile test has been applied to 1 samples as set forth below, and the temper and bending tests to samples representative of each plate 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.	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	Furnace Top	E.63	1	2648	1.603	1.543	.93	25.5	27.4	27.8	
<p>N.B. These plates are in addition to those already reported</p>											
<p>M 18/9/82</p>											

Fee £ : :

Expenses £ : :

£ : :

To be paid by

Mr D. Colville

Surveyor, Lloyd's Register,

Glasgow