

S. S. Phoenix { Sunderland Report N^o. 13153.
Hartlepool Report N^o. 5230.

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 652

(Received in London Office) RECEIVED 6th JAN. 1882

TESTS OF BOILER STEEL.

Tests of 10 Steel Plates manufactured by Messrs J. & W. Beardmore of Parkhead for Boiler No. 444 to be constructed by Messrs J. Richardson & Sons of Hartlepool for the S. S. N^o. 104, building by the North of England Shipbuilding Co.

Date first visit

last visit Nov. 24th 1882 No. of Visits 1

The Steel Plates specified in the accompanying copy of Advice Notes were rolled from 10 charges. The tensile test has been applied to 1 sample as set forth below, and the temper and bending tests to samples sheared from every plate with satisfactory results

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 Crown	D196	1	148	54	1.57	84	22.32	26.3	28	

Fee £ : :

Expenses £ : :

£ : :

To be paid by The Manufacturers.

Surveyor, Lloyd's Register,

D. G.
6/1/83

A. W. Dorr

Lloyd's Register
Foundation
Glasgow