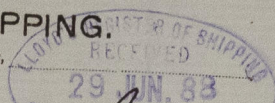


S.S. "Zwickotip" (Sunderland report no 14980)

LLOYD'S REGISTER OF BRITISH AND FOREIGN SHIPPING.

No. 4985

(Received at London Office,



## TESTS OF BOILER STEEL.

Tests of 3 Steel Plates manufactured by Messrs D Colville & Sons of Motherwell for Boiler No. 381 to be constructed by Messrs The North Eastern M.E. Co of Sunderland for Messrs J. Priestman & Co S.S. No 17.

Date first visit June 16<sup>th</sup> 1888 last visit June 26<sup>th</sup> 1888 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

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	20 9/4 x 57 15/16 x 1 1/8	D84		4310	1.17	1.20	1.404	41.82	29.7	28.0	
2	21 0 7/4 x 65 7/16 x 1 1/8	B394		4896	1.14	1.47	1.675	44.30	26.4	23.0	
4.7.88											

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.

Fee ..... £ : :

Expenses £ : :

£ : :

To be paid by