

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

18 FEB 1916

Office,

10

## Lloyd's Register of Shipping.

(Report on Machinery, No. *15253* Port *West Hartlepool*)No. *3347*.*S.S. Moura*  
ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Iron or Steel Forgings or Castings~~, as herein described, manufactured by *Messrs. Burmeister & Wain* of *Copenhagen* for the Engines No. *243* being constructed by *Messrs. The Central Mar. Eng. Works* of *W. Hartlepool* for the Ship No. *✓*, being built by *✓* of *✓*

have been inspected by me as set forth below, and found to be, so far as can be seen, *sound and free from defects.*

*One thrust shaft and 2 intermediate shafts.*

Mark on Forgings or Castings.

*Lloyd's R*  
No. *4744* *4745, 4746.*  
*11.15. A.F.P.*

*Copenhagen, 10<sup>th</sup> February 1916.**A.O. Schubert*  
SURVEYOR TO LLOYD'SSTRAIGHT ~~RAFTING~~ OF SHIPPING

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material ...		<i>Annihilated S. M. I. Steel.</i>	<i>Annihilated S. M. I. Steel.</i>	
How made ...		<i>Hydraulic forged.</i>	<i>Hydraulic forged.</i>	
Dimensions ...		<i>Diam. 12 3/8"</i>	<i>Diam. 11 3/4"</i>	
Progress on Inspection }		<i>Forged &amp; rough turned.</i>	<i>Forged &amp; rough turned.</i>	
Tests on Standard Test Pieces.		<i>No. 4744.</i>	<i>No. 4745, 4746.</i>	
Tensile Test—		<i>30.1</i>	<i>29.7 29.8</i>	
Tons per square inch ...		<i>39.4</i>	<i>39.4 35.8</i>	
Extension per cent ...		<i>good.</i>	<i>good.</i>	
Old Bending Test—		<i>12/11. 23/11. 15.</i>	<i>16/11. 18/11. 23/11. 15.</i>	
Angle before fracture ...				
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) *£. 5/60*  
To be paid at *Copenhagen.*

\* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.