

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 4574⁵ ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs Hamill & Leung, G.M. & H. of Dusseldorf.
~~Messrs Towns Forge & Eng. Co. Ltd.~~
 for the ~~Engines No.~~ being constructed by MP & LP Cranks of LADYASTLEY
 of Cardiff, and fitted to " for the Ship #. ~~being built by~~
of Newcastle

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

One new journal has been fitted to the M.P. crank L.P.

V. Lockrey.
Cardiff.

Lloyd's
No. 4574⁵ 4575
REPAIRED CARDIFF
V.L. 27-11-29.

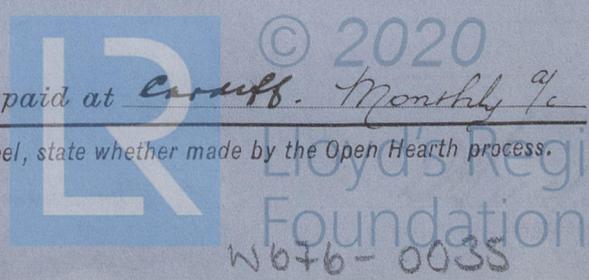
	M.P. CRANK SHAFT. ONE JOURNAL FLYWHEEL SHAFT.	THRUST SHAFT. L.P. CRANK SHAFT ONE JOURNAL	INTERMEDIATE SHAFT.	TUBE SHAFT. SCREW SHAFT.
Material * ...	<u>Annulated S.M.I. Steel</u>	<u>Annulated S.M.I. Steel</u>		
made ...	<u>forged.</u>	<u>forged.</u>		
annealed ...	<u>Yes.</u>	<u>Yes.</u>		
Dimensions, Forgings	<u>14 1/2" dia</u>	<u>14 3/4" dia</u>		
Weight, Castings				
Process on Inspection	<u>Machined & finished</u>	<u>Machined & finished</u>		
Tests on Standard Test Pieces.	<u>.798 3'</u>	<u>.798 3'</u>		
Yield Test— tons per square inch	<u>29.7.</u>	<u>31.6</u>		
Tension per cent	<u>35.2</u>	<u>27.3</u>		
Bending Test— angle before fracture	<u>180° good.</u>	<u>180° good.</u>		
When Inspected	<u>5-8-27 & 27-11-29.</u>	<u>26-9-27. & 27-11-29.</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(if any chargeable) £ 1-1-0.

To be paid at Cardiff. Monthly %

If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.



signed

12-29