

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. 4574 ⁵ 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
of Cardiff, and fitted to M.P. & L.P. Cranks of LADY ASTLEY
for the Ship No. _____, 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.

on Forgings or Castings.

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

Lloyd's

No. 4574 ⁵ 4575

REPAIRED CARDIFF

V.L. 27-11-29.

V. Lockrey.
Cardiff.

	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>		
Height, Castings				
Pressure on { Inspection }	<u>Machined & finished</u>	<u>Machined & finished</u>		
Tests on Standard Test Pieces.	<u>.798 3'</u>	<u>.798 3'</u>		
Shear 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 7c

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