

APR 15 1937

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. ✓ ENGINE FORGINGS OR CASTINGS.I have to report that the Forgings or Castings, as herein described, manufactured by Nicholas Armstrong & Co. of Burns.for the Engines No. 54004 being constructed by ✓of _____ 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. These have been despatched to _____

Mark on Forgings or Castings.

Lloyd's
No. 666
Jm 6-4-37.

InspectionBurns. 15/4/37.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...			<u>C.H. Steel</u>	
How made ...			<u>Forged</u>	
If Annealed ...			<u>Heat treated</u>	
Dimensions, Forgings			<u>9" diam</u>	<u>6 1/2" & 7" diam</u>
Weight, Castings				
Progress on } Inspection }			<u>Finished</u>	
Tests on Standard Test Pieces.				
Tensile Test— Tons per square inch ...			<u>30.8</u>	<u>31.2</u>
Extension per cent ...			<u>3%</u>	<u>3%</u>
Cold Bending Test— Angle before fracture ...			<u>180°</u>	<u>180°</u>
Dates when Inspected			<u>17/3/37</u>	<u>10/4/37</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ ✓To be paid at ✓

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

W81-0069