

30 MAY 1933

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 99607 Port Lon)No. F3536 ENGINE ~~FORGINGS OR CASTINGS~~.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs Mitchell Shackleton & Co Ltd of Manchester ^{order N° 5648} for the Engines No. 643 being constructed by Messrs Newbury Diesel Co Ltd of Newbury for the Ship No. 185, being built by George Brown & Co Ltd of Greenock 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 Newbury

Mark on Forging ~~or Castings~~.

Lloyd's

No. 3023

G A 26-5-33

George AndersonManchester
27/5/33

	CRANK SHAFT. ONE - 4 THROW N° 3023 FLYWHEEL SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT. SCREW SHAFT.
Material* ...	<u>O.H. Eng. A Steel</u>			
How made ...	<u>Forged</u>			
If Annealed ...	<u>Yes</u>			
Dimensions, Forgings	<u>190 mm. Chris & journal</u>			
Weight, Castings	<u>✓</u>			
Progress on Inspection }	<u>Finished machined</u>			
Tests on Standard Test Pieces.				
Tensile Test—	<u>29.6 ton</u>			
Tons per square inch	<u>18.2</u>			
YIELD	<u>36.0</u>			
Extension per cent	<u>180°</u>			
Cold Bending Test—				
Angle before fracture				
Dates when Inspected	<u>10-3-33 & 26-5-33</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Verified in Shop
7/7/33 G.A.

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.

19m.10.30.

004009-004018-0016