

Lloyd's Register of Shipping.

(Report on Machinery, No. 53194 Port CARDIFF)No. F. 1460 ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Usside Engineering Coy. Ltd. of Newport: Mon for the Engines No. ✓ being constructed by ✓ of ✓ for the Ship No. ✓, being built by Rubson of Glasgow.

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

Messrs. Mountstuart J. Doeh. Cardiff.

on Forgings or Castings.

W. J. A. J. A. J. A.

27th November 1939.

Lloyd's

No. 176024.11.39.

(M)

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>Diston. Rod.</u>			
	<u>FLYWHEEL SHAFT.</u>			<u>SCREW SHAFT.</u>
Material * ...	<u>Steel</u>			
Wrought made ...	<u>Forged</u>			
Annealed ...	<u>Yes</u>			
Dimensions } Forgings	<u>4'9 1/4" dia 3 1/2" dia 1 1/4" x 7 1/2" x 4 1/2"</u>			
Weight	<u>✓</u>			
Weight, Castings	<u>✓</u>			
Progress on inspection	<u>Inspected. Satisfactory</u>			
Tests on Standard Test Pieces.				
Tensile Test—				
Tons per square inch	<u>32.15</u>			
Extension per cent	<u>32.0</u>			
90° Bending Test—	<u>Satisfactory.</u>			
Angle before fracture	<u>21° 24' 1/2" Nov. 1939</u>			
Tests when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £1-1-0

To be paid at Newport: Mon

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