

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

Leningrad

No. 143

ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by *The Nevsky Shipbuilding & Engineering Works of Leningrad* for the Engines No. 306 being constructed by *The Russian Diesel Works of Leningrad* for the Ship No. 306, being built by *The Svirnyay Shipbuilding Yard of Leningrad* 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 *The Russian Diesel Works, Leningrad.*

on Forgings or Castings.

William E. Lewis.

Lloyd's

No. 0375 0376, 0377, 0378, 0379, 0400

W.E.L.

6/4/27

11/5/27

MAIN ENGINE CROSSHEADS.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	0375	0376	0377	0378 0379
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material ...	Basic	Open	Hearth	Steel
made ...	Solid Forged.			
annealed ...	Annealed			
Dimensions, Forgings				
Weight, Castings				
Pressure on Inspection	Rough Forgings.			
Tests on Standard Test Pieces.				
Stress Test—	49.6	54.9	53.5	50.5 54.4
lbs per square inch	32.0%	32.0%	34.0%	34.0% 36.0%
Extension per cent	180° W.F.	180° W.F.	180° W.F.	180° W.F.
Bending Test—	6/4/27	6/4/27	6/4/27	6/4/27
Angle before fracture				11/5/27
When Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(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.