

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_

Port Leningrad)

No. 200

## ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by the Gorsky State Steel Works of Kolpino/Leningrad for the Engines No. \_\_\_\_\_ being constructed by The Russian Naval Works of Leningrad for the Ship No. 306, being built by The Sovernoy Shipbuildy. 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

For W. C. Lewis & Self  
Am. Cruick

Leningrad 12/12/28.

Lloyd's

No. 0571.0565.0564.0566

Am. 11-9-28

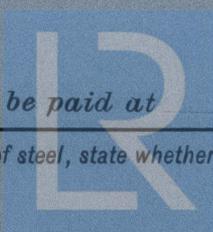
	CRANK SHAFT. <u>0571</u> <u>10</u> FLYWHEEL SHAFT.	THRUST SHAFT. <u>0565</u> <u>52</u>	INTERMEDIATE SHAFT. <u>0564</u> <u>56</u>	TUBE SHAFT. <u>0566</u> <u>84</u> SCREW SHAFT.
Material * ...	<u>Basic Open Hearth Steel</u>			
made ...	<u>Solid forged</u>			
annealed ...	<u>Annealed</u>			
Dimensions, Forgings	<u>320 m.m.</u>			
Whit, Castings				
Progress on { Inspection }	<u>Rough Forgings to finished state.</u>			
Tests on Standard Test Pieces.				
Tensile Test— Tensile strength per square inch $\frac{lb}{sq. in.}$	<u>48.1</u>	<u>49.6</u>	<u>44.6</u>	<u>43.0</u>
Elongation per cent	<u>33.3%</u>	<u>35%</u>	<u>32%</u>	<u>34.7</u>
Bending Test— Angle before fracture	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u>
When Inspected	<u>26.4.28 - 11.9.28.</u>			

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.



© 2021

Lloyd's Register Foundation

01144-01160-0104