

# Lloyd's Register of Shipping.

(Report on Machinery, No. 23 Port Leningrad.)

## No. 89. ENGINE ~~FORGINGS OR~~ CASTINGS.

I have to report that the ~~Forgings~~ Castings, as herein described, manufactured by The Newsky Shipbuilding & Engineering Works of Leningrad for the Engines No. 171 being constructed by The Baltic Shipbuilding Eng Works of Leningrad. for the Ship No. 171, being built by The Baltic Shipbuilding Engineering Works 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 Baltic Shipbuilding Engineering Works, Leningrad.

William Lewis

on Forgings or Castings.

Lloyd's		
No. <u>0439.</u>	<u>0442.</u>	<u>0198</u>
W.E.L. <u>8.2.28.</u>	<u>8.2.28.</u>	<u>13.7.27.</u>

	CRANK SHAFT. SUPERHEATER 0439. FLYWHEEL SHAFT.	THRUST SHAFT. HEADERS. 0442.	INTERMEDIATE SHAFT.	TUBE SHAFT. STOP VALVE 0198 SCREW SHAFT.
Material* ...	Basic Open Hearth Steel.			
made ...	Cast.			
annealed ...	Annealed.			
Dimensions, Forgings				
Dimensions, Castings ...				
Process on inspection	Rough Castings & partly machined.			
Tests on Standard Test Pieces.				
Tensile Test— per square inch	48.1	51.9		46.4
Elongation per cent	25.0%	29.2%		21.6%
Bending Test— before fracture	125° W.F.	125° W.F.		125° W.F.
When Inspected	14/2/27 - 8/2/28.	14/2/27 - 8/2/28		13/7/27.

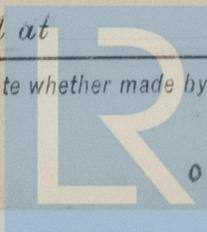
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Dropped from height of ten feet on to hard ground. & subsequently hammered with satisfactory results.

(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.



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