

Received at

Office,

19

10 JUN 1930

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port _____)

No. 21298. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by The Langley Forge Co. Ltd. of Langley for the Engines No. 2641 being constructed by Messrs Plenty & Loe Ltd. of Newbury for the Ship No. _____, being built by _____ of _____

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 _____

on Forgings or Castings.

Lloyd's

No. 8752

J.P. 21/5/30.

1 Built up Crank shaft.

J.P. Mangle

Sheffield

4/6/30.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	4 Webs.	2 Webs.	4 Journals	3 Pins
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material	Siemens		Steel	
Made	Forged			
Heat-treated	Yes			
Dimensions, Forgings	Dia 4 15/16"			
Weight, Castings				
Process on inspection	Finished		Machined	
Tests on Standard Test Pieces.	938.	896	829	829.
Ball Test—	28.8	32.0	30.0	30.0
Stress per square inch				
Extension per cent	27.0	20.0	30.0	30.0
Bending Test—	180°	180°	180°	180°
Angle before fracture				
When Inspected	5/3/30 to 21/5/30	21/1/30 to 21/5/30	21/1/30 to 21/5/30	21/5/30

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

e (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.