

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 23810 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. 2690 ^{Order D/100} ~~being constructed by Messrs Platt, Son & Co. Ltd.~~ of Newbury for the Ship No. 1114, being built by Messrs. Cochrane & Son. of Sheff. 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

Mark on Forgings or Castings:

Lloyd's

No. 9249
J.P. 4/5/33

J.P. Pringle
Sheffield
19/5/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.	1 Inter Shaft		1 SCREW SHAFT.
Material *		Siemens	Steel	
How made		Forged		
If Annealed		Yes		
Dimensions, Forgings		Dia 5 1/4"		
Weight, Castings				
Progress on Inspection		Black	Forgings	
Tests on Standard Test Pieces.		746	747	729
Tensile Test—		29.6	31.8	30.8
Tons per square inch		33.0	29.0	33.0
Extension per cent		180°	180°	180°
Cold Bending Test—				
Angle before fracture				
Dates when Inspected		11/4/33	to	4/5/33

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Propeller shaft finished, too. & stamped.

Two intermediate shafts examined and stamped thus.

LLOYDS
Nº 729
9249
J.P. 4/5/33
GAL 15/5/33

LLOYDS
9249
746
JP 4/5/33
GAL 25/5/33

LLOYDS
9249
747
JP 4/5/33
GAL 25/5/33

Fee (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.