

For the information of Surveyors and the Committee only.

Received at

Office

JUL - 3 1937

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port _____

No. 31255 ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs Woodhouse & Rixon of Sheffield for the ^{Order} ~~Engines~~ No. 1087/A1 being constructed by Messrs J & B Hall Ltd, of Darford for the Ship No. 1570, being built by Messrs Swan Hunter & Wigham Richardson Ltd of Newcastle 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. 409
TWB 17/6/37

Inspected

Sheffield 28/6/37

	2 CRANK SHAFTS	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material ...	Siemens Steel			
Made ...	Forged			
Annealed ...	Heat Treated			
Dimensions	3" dia			
ht } Forgings	-			
ht, Castings ...	-			
Press on				
Inspection } Rough Machined				
Tests on Standard				
Test Pieces.				
Tensile Test—				
Stress per square inch ...	28.60			
Elongation per cent 3"	32.0			
Bending Test—				
Stress before fracture ...	18.8			
When Inspected	8/6/37 to 17/6/37			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The shafts have been examined after final machining and found satisfactory *OK*

Fee (if any chargeable) Monthly % 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.