

Received at

Office,

-1 MAR 1935

Lloyd's Register of Shipping.

(Report on Machinery, No. 92498 Port *Truz*)No. 5190 ENGINE ~~FORGINGS~~ OR CASTINGS.

I have to report that the ~~Forgings~~ or Castings, as herein described, manufactured by Messrs The Atlas Steel Foundry Eng^g Co^{ys} Ltd of Armadale, West Lothian for the Engines No. being constructed by

of for the Ship No. 109, being built by Messrs Swan Hunter & Wigham Richardson Ltd of Newcastle on Tyne.

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 Messrs Cockburn & Co. Ltd, Cardonald, Glasgow.

Mark on Forgings or Castings.

Lloyd's

No. 5190

W.B.L. 5.12.34

*Hafslor**William Brown*

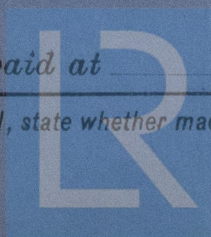
	CRANK SHAFT. 1. 8 1/2' Reg. Engg. V. Chest Flywheel.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material * <i>Sections - Martin Acid, Open Hearth Steel</i>				
How made ...	<i>Cast.</i>			
If Annealed ...	<i>Annealed</i>			
Dimensions, Forgings	<i>7. 3. 24.</i>			
Weight, Castings	<i>Rough dressed.</i>			
Progress on } Inspection }	<i>Int No 810.</i>			
Tests on Standard Test Pieces.	<i>30.0</i>			
Tensile Test— Tons per square inch ...	<i>34.0%</i>			
Extension per cent ...	<i>160° NF</i>			
Cold Bending Test— Angle before fracture ...	<i>5/12/34</i>			
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ *Nil (Vessel Closed)* 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.

10m.1.33.



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Lloyd's Register
Foundation
W117-0044

Pressure

Main stays: Material

Tensile strength