

Lloyd's Register of Shipping.

(Report on Machinery, No. 60730)Port GLASGOWNo. 31909

ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by THOS. FIRTH & JOHN BROWN LTD. of SHEFFIELD.

for the ^{Order} ~~Engines~~ No. 8099/38 being constructed by Messrs. J. Brown & Co. Ltd. of Clydebank for the Ship ^{S.S.} ~~No.~~ "HIDLESEY", 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

Mark on Forgings or Castings

Lloyd's

No. 58360C.S.P. 20/9/381 L.P. Rotary SpindleSHEFFIELD. 3/10/38.

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material*	S. M. STEEL.			
How made	FORGED.			
If Annealed...	HEAT TREATED.			
Dimensions	<u>4 3/4" dia.</u>			
Weight	<u>1 - 19 - 2 - 27</u>			
Weight, Castings				
Progress on Inspection	<u>Rough</u>	<u>Machined</u>		
Tests on Standard Test Pieces.	<u>3</u>	<u>T</u>		
Tensile Test—				
Tons per square inch	<u>36.2</u>	<u>38.6</u>		
Extension per cent <u>3"</u>	<u>27.0</u>	<u>25.5</u>		
Cold Bending Test—				
Angle before fracture	<u>180°</u>	<u>180°</u>		
Dates when Inspected	<u>29/6/38 To 20/9/38.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

The one was examined and found satisfactory.

8360 Fitted L.P.

Fee (if any chargeable) £1-10-0 To be paid at

SHEFFIELD.

* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.