

## Lloyd's Register of Shipping.

(Report on Machinery, No. *63492*)Port *Glasgow**Empire Stream*No. *9724*. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by *Messrs. W. Beadmore & Co. Ltd.* of *Glasgow*.

for the Engines No. *1043*, being constructed by *Messrs. David Rowan & Co. Ltd.* of *Glasgow*, 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 *Messrs. David Rowan & Co. Ltd., Glasgow*.

Mark on Forgings or Castings.

Lloyd's

No. *9724* & TEST Nos.*1109**W. Beadmore**Glasgow. 30/8/1940.*

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	3 CONNECTING RODS. (BLACK FORGINGS)			SCREW SHAFT.
	FLYWHEEL SHAFT.			
Material* ...	<i>S. Y. Ingot Steel.</i>			
How made ...	<i>Forged.</i>			
If Annealed...	<i>Heat-treated.</i>			
Dimensions	<i>As per plan.</i>			
Weight } Forgings	<i>2.</i>	<i>2.</i>		
Weight, Castings ...				
Progress on Inspection }	<i>Forging, and testing</i>			
	TEST Nos.	TEST Nos.		
	<i>9025, 9026</i>	<i>9027.</i>		
Ultimate Tensile.				
Tons per sq. in. ...	<i>33.0</i>	<i>33.0</i>	<i>31.6</i>	
Yield Point.				
Tons per sq. in. ...	<i>—</i>	<i>—</i>	<i>—</i>	
Extension per cent	<i>27.0%</i>	<i>27.0%</i>	<i>29.0</i>	
on... <i>3</i> ...inches ...	<i>—</i>	<i>—</i>	<i>—</i>	
Red. of Area % ...	<i>180° NF</i>	<i>180° NF</i>		
Cold Bending Test...				
Dates when Inspected	<i>2/7/1940, and subsequent dates</i>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) *1/4**Monthly 1/4*

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.