

Lloyd's Register of Shipping.

(Report on Machinery, No. 68124 Port Glasgow)

No. 12555. ENGINE FORGINGS OR CASTINGS.

The words FORGINGS or CASTINGS should be struck out if they may be required.

I have to report that the Forgings or Castings, as herein described, manufactured by Hussn. W. Beardmore & Co. Lt. (PARKHEAD) of Glasgow, for the Engines No. VC 39 being constructed by Hussn. Barclay Curle & Co. Lt. of Glasgow, for the Ship No. _____, being built by _____ of _____

HAS have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. THIS HAS These have been despatched to Hussn. Barclay Curle & Co. Lt. Glasgow.

Mark on Forgings or Castings.

Lloyd's
No. 12555 & TEST No.
H.A.I. & DATES.

H. L. James,

Glasgow 15/9/1943.

	CRANK SHAFT. <u>1. MAIN WHEEL RIM.</u> FLYWHEEL SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT. SCREW SHAFT.
Material* ...	<u>Open hearth ingot steel</u>			
How made ...	<u>Forged.</u>			
If Annealed...	<u>Heat-treated.</u>			
Dimensions } Weight } Forgings	<u>as per plan.</u> T. <u>6.2</u> lbs. B. <u>8.3</u> lbs.			
Weight, Castings	<u>—</u>			
Progress on Inspection }	<u>Forging testing, and rough machining.</u>			
TEST RESULTS.	<u>TEST No. 1: 8348.</u>			
Ultimate Tensile. Tons per sq. in. ...	T. <u>34.0</u> B. <u>36.2</u>			
Yield Point. Tons per sq. in. ...	<u>—</u>			
Extension per cent on... inches ...	<u>33.0</u> <u>29.0</u>			
Red. of Area % ...	<u>—</u>			
Cold Bending Test...	<u>180° N.F. 180° N.F.</u>			
Dates when Inspected	<u>23/7/1943 Subsequent dates.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Charged on Fee (if any chargeable) form No. 12656. To be paid at Gh.

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

