

Lloyd's Register of Shipping.

(Report on Machinery, No. 68124 Port Glasgow)

No. 12655. ENGINE FORGINGS OR CASTINGS.

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

Mark on Forgings or Castings.

Lloyd's
No. 12565 & Test No.
H.A.F. & DATES.

H.E. Jones,

Glasgow 15/9/1943.

	CRANK SHAFT. 1. MAIN WHEEL RIM. 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 {	<u>as per plan</u>			
Weight { Forgings	<u>7. 6. 2. 185.</u>			
	<u>1. 8. 3. 14.</u>			
Weight, Castings	<u>—</u>			
Progress on {	<u>Forging testing, and</u>			
Inspection {	<u>rough machining.</u>			
TEST RESULTS.	<u>Test No. 1: 8348.</u>			
	<u>T. B.</u>			
Ultimate Tensile.	<u>34.0 36.2</u>			
Tons per sq. in. ...				
Yield Point.				
Tons per sq. in. ...				
Extension per cent	<u>33.0 29.0</u>			
on... <u>3</u> ...inches ...				
Red. of Area %				
Cold Bending Test...	<u>180° N.E. 180° N.E.</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 Glasgow Lloyd's Register

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

Lloyd's Register of Shipping

✓ 39

No. 12552. ENGINE FORGINGS

I have reported that the Forging described manufactured by Messrs. W. G. Goss (Parsippany) of Glasgow, for the engine of the ship "H.M.S. Barclay" built by the Glasgow Shipbuilding Co. Ltd., Glasgow.

Has been taken up and is now being taken to be for use on the ship "H.M.S. Barclay" built by the Glasgow Shipbuilding Co. Ltd., Glasgow.

W. G. Goss

Glasgow 12/9/1913

12552 & Test No. 12552 & Date.

1. MAIN WHEEL
2. K.M.

Open heart with steel
forged.
Heat-treated.
as per plan.
C. 2. 122
S. 3. 14

Forging tested and
found satisfactory.

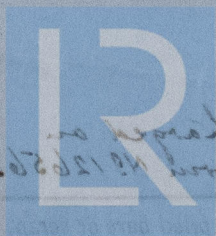
Test No. 12552
T. 2.
S. 3. 14

33.0 29.0

180° 180°

Notes when reported 12/9/1913 Subsequent dates.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS



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W. G. Goss

W. G. Goss