

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 2456 ENGINE FORGINGS OR CASTINGS.

I have to report that the Iron & Steel Forgings or Castings, as herein described, manufactured by Harriman & Co Ltd of London for the Engines No. 160 being constructed by J. Lewis & Sons Ltd of Aberdeen for the Ship No. 89, being built by J. Lewis & Sons Ltd of Aberdeen have been inspected by me as set forth below, and found to be, so far as can be seen, Satisfactory.

Report on Forgings or Castings.

Lloyd's

No. 878/880

T.H.M.

John Harriman & Co.

London

	CRANK SHAFT. 3 CONN. RODS	STRAIGHT SHAFTING.		
		THRUST SHAFT.	INTERMEDIATE SHAFTS.	PROPELLER SHAFT.
Material	<u>Steel</u>	<u>S.M.S.</u>		<u>Scrap Iron</u>
Y made	<u>Forged</u>	<u>Forged</u>		<u>Forged</u>
Dimensions	<u>✓</u>	<u>4"</u>		<u>4 7/8"</u>
Process on inspection	<u>Black Forging</u>	<u>Black Forging</u>		<u>Black Forging</u>
Tests on Standard Test Pieces.				
Stress Test—	<u>31.6</u>	<u>31.1</u>		<u>✓</u>
Tons per square inch				<u>✓</u>
Extension per cent	<u>31.0</u>	<u>35.0</u>		<u>✓</u>
Bending Test—	<u>180°</u>	<u>180°</u>		<u>✓</u>
Angle before fracture				<u>10/2/20.</u>
When Inspected	<u>10/2/20.</u>	<u>2/3/20.</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £ ✓

To be paid at _____

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.

19. T.

006705-006722-0033

Diameter

Thickness of shell plates

Material

Description of longitudinal joint