

7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

Lloyd's Register of Shipping.

(Report on Machinery, No. 99607 Port Lon)No. 24200 ENGINE ~~FORGINGS OR CASTINGS.~~

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by The Langley Forge Co. Ltd. of Langley for the Engines No. 643 being constructed by The Newbury Diesel Co. Ltd. of Newbury for the Ship No. 185, being built by George Brown & Co. Ltd. of Greenock 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

on ~~Forgings or Castings.~~

Lloyd's

No. 815M.A.B. 28/8/33M.A. BlackSheffield8/9/33

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	<u>1 Bar</u>			
	<u>FLYWHEEL SHAFT.</u>			<u>SCREW SHAFT.</u>
Material	<u>Siemens Steel</u>			
Made	<u>Forged</u>			
Heat-treated	<u>Yes</u>			
Dimensions, Forgings	<u>6 1/2" dia x 4'-6 1/2" lg</u>			
Weight, Castings				
Pressure on inspection	<u>Black Forging</u>			
Tests on Standard Test Pieces.	<u>816</u>			
Weld Test—	<u>32.0</u>			
Strength per square inch	<u>31.0</u>			
Tension per cent	<u>2"</u>			
Bending Test—	<u>180 W.F.</u>			
Angle before fracture				
When Inspected	<u>23/8/33 to 28/8/33</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Clutch/Thrust Shaft examined
finished & stamped

LLOYDS 815
MAB 28/8/33
AE 21/9/33

(if any chargeable) £ —

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.