

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

(Report on Machinery, No. 9574 Port Gothenburg)

No. 1697. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Burmeister & Wain of Copenhagen for the Engines No. being constructed by Messrs. W. Götaverken of Gothenburg for the Ship No. 494, being built by Messrs. Odense Staalvarefabrik ved A.P. Møller of Odense 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

Forgings or Castings.

Copenhagen, 11th July 1935.

Lloyd's
No. 1697
& 20.5.33.

Cluniff
REGISTER OF SHIPPING

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
Material	<u>4-throw crank shaft</u> <u>cast steel webs, 1 pin, 3 journals,</u> <u>FLYWHEEL SHAFT.</u>	<u>(aft Length)</u> <u>2 flange ends</u>		
Material	<u>S.M.S. Steel.</u>			
Process	<u>Hydraulic forged.</u>			
Finished	<u>Yes.</u>			
Diameter	<u>Diam. 350 mm.</u>			
Condition	<u>Finished.</u>			
Standard Pieces	<u>3 crank bodies:- 1 pin, 3 journals:- 2 flange ends:-</u>			
Test per square inch	<u>30.4</u>	<u>30.1</u>	<u>30.5</u>	
Extension per cent	<u>36.4</u>	<u>39.4</u>	<u>36.4</u>	
Bending Test before fracture	<u>180° good.</u>			
When Inspected	<u>1/3, 8/3, 24/3, 1/4, 21/4</u>	<u>20/5, 33.</u>		

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

Cast steel crank web:- Tensile strength 30.1 t. Elongation:- 40.4%
Do. 30.1 t. 40.4%

Cold Bend Tests good, 120° Drilling Tests good.

If any chargeable) £. 60. 00 To be paid at Copenhagen.

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

