

# Lloyd's Register of Shipping.

(Report on Machinery, No. 8018

Port

Copenhagen

No. 8108.

## 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 <sup>Aux.</sup> Engines No. 1665 (Mitsui 13) being constructed by Messrs. Burmeister & Wain of Copenhagen for the Ship No. , being built by Messrs. Mitsui Bussan Kaisha of Japan 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

Mark on Forgings or Castings.

Lloyd's

No. 9806.

Q. 16.1.27.

Copenhagen, 5<sup>th</sup> March 1929.

A. E. J. J. J.

SURVEYOR TO LLOYD'S

REGISTER OF SHIPPING

CRANK SHAFT.

THRUST SHAFT.

INTERMEDIATE SHAFT.

TUBE SHAFT.

SCREW SHAFT.

One solid forged one-throw crank shaft for aux. engine.

FLYWHEEL SHAFT.

Material\* ... S. M. S. Steel.

How made ... Hydraulic forged.

Annealed ... Yes.

Dimensions, Forgings Diam. 190 <sup>1</sup>/<sub>2</sub> in.

Weight, Castings ...

Progress on Inspection } Forged - finished.

Tests on Standard Test Pieces.

Tensile Test— 31.7

Tons per square inch ... 37.8

Extension per cent 2

Cold Bending Test— 180° good.

Angle before fracture ... 26/11, 4/2.28 16/1.29.

Dates when Inspected

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (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.