

pt. 7.

For the information of Surveyors and the Committee only.

Received at _____ Office, _____ 19

Lloyd's Register of Shipping.

(Report on Machinery, No. 8020 Port Copenhagen)

No. 8330. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Burmeister & Wain of Copenhagen ^{aux.} for the Engines No. 1577 (Manfalcone 2) being constructed by Messrs. Burmeister & Wain of Copenhagen for the Ship No. 206, being built by Messrs. Cantieri Navali Tristano of Manfalcone 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.

Copenhagen, 21st June 1929.

A. F. Fitch.

**SURVEYOR TO LLOYD'S
REGISTER OF SHIPPING**

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
<u>solid forged</u>	<u>3 throw crank shaft</u>			
	<u>for aux. engine.</u>			
	<u>FLYWHEEL SHAFT.</u>			<u>SCREW SHAFT.</u>
Material ...	<u>S. M. I. Steel.</u>			
Made ...	<u>Hydraulic forged.</u>			
Heat-treated ...	<u>Yes.</u>			
Dimensions, Forgings	<u>Diam. 180 mm.</u>			
Weight, Castings	<u>✓</u>			
Process on inspection	<u>Forged & finished.</u>			
Tests on Standard Test Pieces.				
Tensile Test—	<u>31.7</u>			
Stress per square inch	<u>2</u>			
Elongation per cent	<u>39.8</u>			
Bending Test—	<u>180°</u>			
Time before fracture	<u>good.</u>			
When Inspected	<u>21/3, 3/4 23/5. 27.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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.

ing Air Receivers, No.

Total cubic capacity

less, lap welded or riveted longitudinal joint

Material

Range of tensile strength

Working pressure