

Lloyd's Register of Shipping.

(Report on Machinery, No. _____)

Port _____)

No. 9884.

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 S/S "Helle" of Frederiksstad ~~being constructed by~~ repaired ~~for the Ship No.~~, being ~~built~~ by Messrs. Frederiksstad Mekaniske Værksted of Frederiksstad 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. 1581.

6.1.33.

Copenhagen, 24th January 1933.

A. S. F. B. L. L.

SURVEYOR TO LLOYD'S

	CRANK SHAFT. (afterm. length)	THRUST SHAFT. (afterm. length)	INTERMEDIATE SHAFT.	TUBE SHAFT.
1 built 2-throw crank shaft. (2 flange ends, 2 pins, 4 webs) — FLYWHEEL SHAFT.				
Material* ...	S. M. I. Steel.			
How made ...	Hydraulic forged.			
If Annealed ...	Yes.			
Dimensions, Forgings	Diam. J. 260 ¹ / ₄ . Pins: 258			
Weight, Castings	✓			
Progress on } Inspection }	Forged & finished.			
Tests on Standard Test Pieces.	1 shaft journal:—			
Tensile Test—	30.2 ~ 32.0			
Tons per square inch	2 ~ 39.8 ~ 36.8			
Extension per cent				
Cold Bending Test—	180° good.			
Angle before fracture	20/12, 23/12, 24/12, 28/12, 32. 6/1. 33.			
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) Kr. 40.-

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.

10m. 10.30.