

PORT of Dortmund.

No.Dm.48.

No.6/2181.

# Lloyd's Register of Shipping.



## \*SHIP OR ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Hüttenwerk Hörde AG. of Dortmund - Hörde.

\*for the Engines No.

being constructed by

of for the Ship No.Ringfjellbeing built by Messrs.

of Kiel.

Howaldtswerke AG.

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 Kiel.

ITEM 1 Propeller Shaft with continuous brass liner.

Identification No. Lloyds JQ 6415 24.6.49

Surveyor's Initials. FQ

Materials. S.M.Steel

How made. forged

Heat treated. Yes

Dimensions. 305 mm diameter

Weight. 4325 Kg

Progress on Insp. finished condition

Yield kg per sq. mm 29.6 30.9

Ult. kg per sq. mm 47.8 48.1

Elong. % on 75 mm 32.2 30.8

Reduc. of Area % 50.3 46.7

Cold Bend. 180 degr. good

Brinell. -----

Izod. -----

Final date. 24. 6. 1949

Date of approval of chemical analysis, physical properties and heat treatment in the case of special steels for reduction gearing forgings.

Other tests :

Grüne i/W, Hauptstrasse 81

Fee :

Expenses :



Surveyor to Lloyd's Register

Date 26.6.1949

\*Delete where not applicable.