

PORT of Dortmund.

No. Dm 9.

# Lloyd's Register of Shipping.

## \*SHIP OR ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured  
Hüttenwerk Hörde AG. of Dortmund - Hörde.  
the Engines No. being constructed by  
for the Ship ~~MNA~~Kronsfohn"being built by  
ssrs. Howaldtswerke AG. of Kiel.  
we been inspected by me as set forth below, and found to be, so far as can be seen,  
und and free from defects. These have been despatched to Kiel.

ITEM 2 Propeller shafts with continous brass liners.

Identification No.	LLOYDS JQ 6299 4.3.49 - JQ 6305 29.3.49	
Surveyor's Initials.	F Q	
Materials.	S.M. Steel	
How made.	forged	
Heat treated.	yes	
Dimensions.	diameter 307 mm	
Weight.	6880 Kg	
Progress on Insp.	finished condition	
Yield kg per sq.mm	29.3	27.1
Ult. kg per sq. mm	46.8	46.8
Elong. % on 3 inch	34.3	29.1
Reduc. of Area %	52.4	51.7
Cold Bend.	180 degr. good	
Brinell.	-----	
[zod.	-----	
Final date.	4.March 1949	29.March 1949

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

her tests:

Grüne i/W, Hauptstrasse 81



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Jul. Ando  
Surveyor to Lloyd's Register  
Date 31.3.1949  
Foundation