

PORT Hannover, Georgstr.40 COPY

No. HNO.F.
56/708

LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

*SHIP OR ENGINE FORGINGS OR CASTINGS

S No. 683 640

R No. -

I have to report that the Forgings ~~or Castings~~ as herein described, manufactured

by Messrs. Henschel & Sohn, of Kassel,

*for the Engines No. being constructed by Messrs. Henschel,

of Hamburg for the Ship No. being built by

of

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 Hamburg.

ITEM

30 connecting rods

Identification No.	LLOYD'S HNO 1 K.N. 5.6.56 K.N.
Surveyor's Initials.	K.N.
Materials.	25 Cr Mo 4
Charge No.	144377
How made.	forged
Heat treated.	yes
Dimensions drwg. No.	H150027 A
Weight.	140 kg each
Progress on Insp.	unmachined
Yield σ_s per sqmm	51.3 55.5 55.0
Ult. σ_b per sqmm	65.0 68.0 68.6
Elong. % on 4 V-A	28.0 24.0 24.0
Reduc. of Area %	69.0 66.0 65.0
Cold Bend.	180 degr. satisfactory
Brinell.	H _B -No. 202 - 223
xxi Izod VM Imp. Test	19.6 15.8 17.6
Final date.	5.6.56

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

Other tests:---

Fee:

Signature

Expenses:

*Delete where not applicable.

Rpt. 6 (Ship & Eng.) 50m,754 (MADE AND PRINTED IN ENGLAND.)

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K.N. Nagel

Surveyor in Lloyd's Register of Shipping

Date

7.6.56

(TURN UP

005605-003616-0267

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