

COPY.

Lloyd's Register of Shipping.



Port of Düsseldorf
Achenbachstrasse 17
22nd May 1949

Works No. 34881

This is to Certify that

FRANZ SCHWELL

the undersigned Surveyor to this Society did at the request of

Messrs. J G Schwietzke, Metallwerke of Düsseldorf attend their Works on the 17th and 19th May 1949 for the purpose of inspecting and testing the undermentioned centrifugal cast bronze Tail Shaft Liner, ordered by Messrs. Hüttenwerke Hoerde A.G. of Dortmund-Hoerde.

Specification

1 Bronze Tail Shaft Liner of 338 x 342 x 344 x 346 x mm outside diameter, 305 x 307 mm inside diameter and 4690 mm of length.

Results of Test.

Sample No.	Diam. of sample mm	Tensile tenacity kg/mm ²	Elongation % in 5xd	Bend test 180 degr.
154	12	21,7	13,3	satisfactory

The Liner was carefully examined inside and outside and was found sound and free from surface defects.

Identification marks: LLOYD'S
P.S. 245
19. 5. 49.

Advice note attached.

F. Schwell
Surveyor to Lloyd's Register of Shipping

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

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