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5 NOV 1949

Lloyd's Register of Shipping.



Port of Düsseldorf
Achenbachstr. 17

11th February, 1949.

Order No. MW 34482
6/2823 (6/1901)

This is to Certify that
Franz Schnell

the undersigned Surveyor to this Society did at the request of
H. J.G. Schwietzke, Metallwerke of Düsseldorf attend their Work
Düsseldorf on the 27th January and 10th February 1949 for the purpose
inspecting and testing the undermentioned centrifugally cast bronze
shaft liners, ordered by Messrs. Hüttenwerke Hoerde A.G. of Dortmund-
e.

Specification.

Four Tail shaft liners of 338 x 342 x 344 x 346 mm outs. diameter,
305 x 307 mm inside diameter and 4690 mm of
length.

Result of Tests.

Order No.	Diam. of sample mm	Tensile ten- kg/mm ²	Elongation % in 5xd	Bend tests 180°
31	8,0	35,1	32,5	good
32	12,0	35,0	33,5	

liners were inspected internally and externally and found sound and
free from surface defects.

Identification marks:

LLOYD'S
F.S.No.173-174
10.2.49

note attached.

F. Schnell
Surveyor to Lloyd's Register of Shipping

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