

COPY.

AUG 9 1937

# Lloyd's Register of Shipping.



Hamburg Report Nr. 22443

Port of Bremen

7th May 1937.

Order No. 8614 K 1.

This is to Certify that

G.H.C. Bahr

the undersigned Surveyor to this Society did at the request of Messrs. Atlas-Werke A.G., Bremen, attend their Works for the purpose of inspecting and testing six manganese bronze propeller blades made to the order of Messrs. Howaldts-Werke A.G. Kiel, Yard No. 756.

These propeller blades have been examined in a finished condition and were found to be, so far as could be seen, sound and free from defects. The material has been tested in the presence of the undersigned with the following results:-

	Work No. 2543.	Work No. 2546.	Work No. 2550.
Tensile strength:	46.9 kgs/mm <sup>2</sup>	46.7 kgs/mm <sup>2</sup>	46.6 kgs/mm <sup>2</sup>
Elongation in 50 mm:	28 %	32 %	34 %
Bend test:	135 degrees	135 degrees	135 degrees.
Identification mark:	Lloyd's.	Lloyd's.	Lloyd's.
	No. 743.	No. 744.	No. 745.
	G.B. 28.4.37.	G.B. 28.4.37.	G.B. 28.4.37.
	Work No. 2555.	Work No. 2547.	Work No. 2551.
Tensile strength:	47.2 kgs/mm <sup>2</sup>	46.9 kgs/mm <sup>2</sup>	46.0 kgs/mm <sup>2</sup>
Elongation in 50mm:	34 %	30 %	30 %
Bend test:	135 degrees	135 degrees.	135 degrees.
Identification mark:	Lloyd's.	Lloyd's.	Lloyd's.
	No. 746.	No. 747.	No. 748.
	G.B. 28.4.37.	G.B. 28.4.37.	G.B. 28.4.37.

*G. H. C. Bahr*

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

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."