

## LLOYD'S REGISTER OF SHIPPING

*General Service Pump*

Works No. 328 011  
Order No. N 1452

Port Mannheim

14th August, 1961.

This is to Certify that

Karl Steinbrecher

the undersigned Surveyor to this Society did at the request of Messrs. Maschinenbau AG Balcke, Frankenthal/Pfalz attend their works on the 11th August, 1961 for the purpose of testing and inspecting one pump as specified below, made to the order of Messrs. Chr. Ruthof GmbH, Mainz.

Specification

ONE - low pressure, one-stage, horizontal, self-priming centrifugal pump, type S 50 1, for the conveyance of seawater of 30°C, to be used as general service pump, with the following main technical data:

Serial No. 328 011  
Capacity: 25 m<sup>3</sup>/h  
Head: 15 m.w.c.  
Speed: 1400 r.p.m.  
Requ. power: 4.3 PS

Testing and Inspection

The above pump was running on maker's test bed without undue noise. Capacity, running and self-priming tests were carried out and the results obtained are corresponding to the required particulars.

The cast iron casing of the pump has been subjected to an hydraulic test pressure of 5 kg/cm<sup>2</sup>, was well hammered and found sound and tight.

The pump was carefully examined and found, so far as could be seen, free from defects.

For identification purposes the pump was marked:

328 011  
LLOYD'S Mhm  
T.P. 5 kg/cm<sup>2</sup>  
KS 11.8.61 KS

*F. Heilmann*

Surveyor to Lloyd's Register

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 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."