

COPY.

Lloyd's Register of Shipping.



Port MALMÖ

8th March, 1930.

This is to Certify that

A. Sundén

the undersigned Surveyor to this Society did at the request of Messrs. Kockums Mekaniska Verkstads Aktiebolag, Malmö, survey during construction an exhaust turbine installation, system Bauer-Wach, now installed in the steamer "BODEN", 4251 tons gross, of Stockholm.

The parts surveyed consist of the complete exhaust steam turbine, all the rotary parts of the gear including hydraulic clutch turbine and main thrusts, casings, change over valve, oil filters etc.

The forged materials used in the construction is made at works recognised by the Committee of Lloyd's Register of Shipping and tested by the Society's Surveyors.

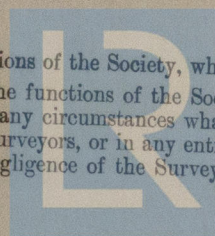
The turbine casing, hydraulic clutch, oil cooler, oil filters, change over valve, servomotors and regulating valve casing have been tested in my presence by hydraulic pressure and found tight. All parts, forgings and castings have been examined in finished condition and found, as far as can be seen, sound and free from defects and the dimensions are as per approved plans.

The workmanship is good.

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

"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Committee nor the Society are 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 the Surveyors, or other Officers or Agents of the Society."

(To be continued.)



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s.s. "Boden" (cont.)

The shafts, pinions and gear wheel rims are marked as follows:

Main thrust shaft	Lloyd's No. 5818	A.S. 28-12-29.
Main shaft coupling piece	" " 1073	A.S. 28-12-29.
Main wheel shaft	" " 1074	A.S. 28-12-29.
Turbine drum	" " 3421	A.S. 22-10-29.
Turbine intermediate shaft	" " 5819	A.S. 28-12-29.
Pinion I	" " 6691	A.S. 28-12-29.
Rim I	" " 3475	A.S. 28-12-29.
Hydraulic clutch shaft	" " 3474	A.S. 25-10-29.
Pinion II	" " 6689	A.S. 28-12-29.
Rim II (Main wheel rim)	" " 1078	A.S. 28-12-29.
Valve ring (on hydr. clutch)	" " 3407	V.S. 22-7-29.

The hydraulic tested casings, chests etc. are marked as follows

Servomotor for change over valve.	Lloyd's test 5 kg./cm. ²	A.S. 9-9-29.
Ditto for hydraulic clutch	" " 5	A.S. 20-9-29.
Change over valve casing	" " 2	A.S. 13-9-29.
Oil cooler	" " 4	A.S. 18-9-29.
Oil filter	" " 4	A.S. 18-10-29.
Hydraulic clutch	" " 7	A.S. 22-10-29.
Regulating valve casing	" " 4	A.S. 6-11-29.
Turbine casing	" " 2	A.S. 17-12-29.

Almudi
SURVEYOR TO LLOYD'S
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