

COPY.

Lloyd's Register of Shipping.



of STETTIN,
Port

22nd May, 1934.

This is to Certify that

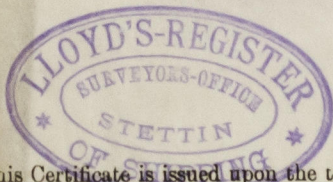
-- N. S t o l t e --

the undersigned Surveyor to this Society did at the request of Messrs. A.Borsig Maschinenbau A.G. examine during construction at their works in Berlin-Tegel on the 10th November, 1933 and subsequent dates the following parts of a NH_3 refrigerating installation, ordered by Messrs. Gebr. Stork & Co., of Hengelo, for the M.V. "BLOEMFONTEIN", Messrs. N.V. Nederlandsche Scheepsbouw Maatschappij's Yard No. 228:-

Two compressors, each of 2 cylinders of 160 mm. dia and 160 mm. stroke, double acting, two condensers, three evaporators, two oil separators, three oil collectors, three strainers, one evaporator casing with 3 compartments and two air coolers.

These parts are made in accordance with the approved plans, the condensers, evaporators, separators, collectors and strainers have been tested to 35 kgs/sqcm. water- and 25 resp. 20 kgs/sqcm. air pressure, the compressor cylinders to 45 kgs/sqcm. water- and 25 kgs/sqcm. air pressure and were found tight and sound at these pressures, also the evaporator casing when tested to .3 kgs. water pressure.

The workmanship on all of these parts is satisfactory.



(Continuation)

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."

Continuation:

Ref. Mach. M.V. "BLOEMFONTEIN".

They have been marked as follows:

Evaporators:

Lloyd's Test
Water 35 kgs.
Air 20 " AS
N.S. 30.12.33.

Condensers:

Lloyd's Test
Water 35 kgs.
Air 25 " AS
N.S. 21.3.34.

Separators:

Lloyd's Test
Water 35 kgs.
Air 25 "
N.S. 21.3.34.

Collectors & strainers:

Lloyd's Test
Water 35 kgs.
Air 20 " AS
N.S. & dates.

Compressor cylinders:

Lloyd's Test
Water 45 kgs.
Air 25 " AS
N.S. 14.11.33.

Evaporator casing:

Lloyd's Test
0.3 kgs.
N.S. 9.1.34.

The material of the compressor crank shafts, connecting rods and piston rods has been tested with following results:

	<u>Tensile strength.</u>	<u>% Elongation:</u>
Crank shaft No.1	56.7 kgs/sqmm.	30.5%
Crank shaft No.2	53.5 " "	34.5%
Connecting rods	50. " "	32.5%
Piston rods	67.8 " "	24.5%

Cold bend tests all 180 degrees, good.

They have been marked:

Crank shafts Lloyd's No. 1023 & No. 1024.
N.S. 14.12.33.

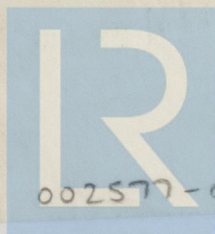
Connecting rods Lloyd's No. 1025 - 1028.
N.S. 29.11.33.

Piston rods " AS " on top.



M. Golse

Surveyor to Lloyd's Register.



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Foundation

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