

Built at *Vignac* By whom built *Bremser Maschinen*
 Engines made at *Vignac* By whom made *Bremser Maschinen*
 Donkey Boilers made at *Oberrhein* By whom made *Bremser Maschinen*
 Brake Horse Power *4700* COPY.
 Nom. Horse Power as per Rule *4755* Is Refrigerating Machinery fitted for cargo purposes *Yes*
 Trade for *Lloyd's Register of Shipping.*



OIL ENGINES, &c.—Type of Engine *Oil engine type Bremser Maschinen - 4/4 1/2 or 1 stroke cycle*
 cylinders *35* Diameter of cylinders (*37 1/16*) Length of stroke *47 1/4*
 Distance from the Crank, measured from inner edge to inner edge *10 5/8*
 Revs per min *2400* Weight *4500 kg.* Means of ignition *Electric*
 Diameter of journals *4 1/2* Crank Web *1 1/2* Mid length breadth *1 1/2*
 Diameter of intermediate shafts *5 1/2* Thrust shaft *3 1/2*
 Tube sheet diameter *560* Screw diameter *33 1/2*
 Thickness in way of bases *23/23.5* Thickness between bases *18.5*

Port of **BREMEN.** *Spt. No. 1306.*

29th October, 1930.

This is to Certify that I have during construction

Surveyed the Boilers and Machinery of the **Steel Twin Sc "HEINRICH v. RIEDEMANN"**

12175 tons gross of Danzig

and that I have transmitted to the Committee of Lloyd's

Register of Shipping, London, a Report stating that all

recommendations made by me in connection therewith have

been carried out to my satisfaction, and that I have

Recommended that the record of **L. M. C. 10,30, C.L.,**

Oil Engines, Two Water Tube D.B. 200 lbs.

be made in the Register Book in the case of this vessel.

G. H. C. HAMPS
 Engineer 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 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
 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."

Lloyd's Register
 Foundation
 WLM-0012

High Pressure Air Receivers, No. *3* Seamless, lap welded or riveted longitudinal joint *scambler* Material *J.M. Steel* Range of tensile strength *44-50 kg.*