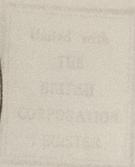


COPY.

SUNDERLAND RPT. No. C.1589  
24 NOV 1949

# Lloyd's Register of Shipping.



Port SUNDERLAND.

22nd July, 1949.

This is to Certify that

C. BOOKER & R.M. HILLS

the undersigned Surveyor to this Society did at the request of Sunderland Forge & Engineering Co. Ltd., attend at their Works on April, 1949 and subsequent dates, for the purpose of examining the construction and witnessing the testing of two 20kw. Generating comprising steam single cylinder 7" x 3 1/2" Dynamo Engines, rated for a working pressure of 170 lbs per sq. inch and direct coupled to 20kw., 220Volts., 91 amps., 750 r.p.m., direct current continuously rated, compound wound generators built at their Works to order of L'Electro-Navale & Industrielle, Antwerp, Belgium for the "GEORGIJSDOR".

The cylinder blocks have been tested under hydraulic pressure of 170 lbs per sq. inch and found in order. The crankshafts have been tested from Lloyd's tested material.

On completion, the engines coupled to the dynamos were tested on steam with output of 20kw., each machine and found in order.

For identification, the cylinder blocks and crankshafts have been stamped as follows:-

LLOYD'S TEST 375lbs/sq.in.  
No. 148 & 9.  
22.7.49. C.B.

L.R. 4012. 20.4.49. C.P.  
L.R. 4013. 6.7.49. C.P.

The following tests were witnessed as satisfactory.

- 6 hour temperature run at full load.
- Short run at 25% overload for commutation.
- Governing and compounding.
- High voltage flash test.
- Insulation resistance test.

A copy of the Maker's test certificate is attached hereto.

For identification purposes the machines were stamped on the yoke.

LLOYD'S TEST  
R.H. 22. 7. 49.

C. Booker

APPLIED FOR ENGINEER SURVEYOR TO LLOYD'S REGISTER OF SHIPPING.  
SUNDERLAND

AUG 26 1949

ELECTRICAL ENGINEER SURVEYOR TO LLOYD'S REGISTER OF SHIPPING.

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

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