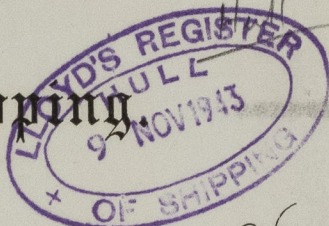


COPY.

Lloyd's Register of Shipping



C.1920



Port Nottingham. 3rd November, 1943.

E. Reader & Sons Ltd. Engine No.21475

Type S.F.6

'Newstone'
52250.

This is to Certify that

A. W. Jones.

the undersigned Surveyor to this Society did at the request of

Messrs. E. Reader & Sons Ltd., attend at their works at Nottingham on the 15th October, 1943, for the purpose of examining and testing one vertical enclosed forced lubricated single cylinder reciprocating steam engine No.21475, type S.F.6, made to the order of the Director of Navy Contracts, C.P.9B/83337/42/K.6037 (R in C) and direct coupled to a 7.5 K.W. D.C. Generator manufactured by Messrs. Crompton Parkinson Ltd., generator No.P.102.A.3640. The set has been despatched to C.D. Holmes & Co. Ltd., Hull, for installation on J.2721.

The engine has a cylinder diameter of 6" and a stroke of 3.1/2", is designed to develop 13.1/2 B.H.P. at 550 R.P.M. when supplied with steam at 120/150 lb. per square inch and working with a back pressure of 10 lb. per square inch.

The cylinder casting has been hydraulically tested to 300 lb. per square inch and physical tests have been carried out on the material of the crankshaft with satisfactory results. The workmanship and materials are good.

The engine was examined under full load running conditions and the governor was satisfactorily tested. The working parts were finally opened up, examined and found satisfactory.

Identification marks:-

<u>CRANKCASE</u>	<u>CYLINDER</u>	<u>CRANKSHAFT.</u>
LLOYD'S TEST 21475 15.10.43. AWJ.	LLOYD'S TESTED 300 lb. HYD. 28.9.43. AWJ.	LLOYD'S 1095 1.10.43. AWJ.

A. W. Jones.

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:-

"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 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 any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."