

COPY.

Lloyd's Register of Shipping



185

Port Nottingham, 3rd November, 1943.

E. Reader & Sons Ltd. Engine No. 21475

Type S.F.6



C. 1920

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/33337/42/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>CRANK SHAFT.</u>
LLOYD'S TEST 21475 15.10.43. AWJ.	LLOYD'S TESTED 300 lb. HYD. 29.9.43. AWJ.	LLOYD'S 1095 1.10.43. AWJ.

A. W. Jones.

SURVEYOR TO LLOYD'S REGISTER OF SHIPPING.

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