

COPY.

*Lisbon*

# Lloyd's Register of Shipping.



*113  
Port Madrid*

Port

NOTTINGHAM, 21st November, 1941

Ruston & Hornsby Ltd. Engine No. 808752

Type 4V802

C.861

5100/T/40/12/805

This is to Certify that

J. H. BUCHANAN

the undersigned Surveyor to this Society did at the request of

Messrs. Ruston & Hornsby Ltd. attend at their works for the purpose of examining and testing one Four Cylinder & V.C.T.A. Heavy Oil Engine No. 808752, manufactured by them to the order of the Director of Navy Contracts and intended for auxiliary purposes on vessel building by Messrs. Cio. Uniao Febril, Lisbon. The engine is direct coupled to one 17.1/2 KW Electric Generator No. 10242303 manufactured by Messrs. Crompton Parkinson Ltd. and is arranged to drive through clutches, one Hamworthy 3 stage air compressor No. 52704 and one Truslove Pump No. 4140, and by belt 2 Hamworthy Lubricating Oil Pumps Nos. 51101 and 51102.

Particulars of the engine are as follows:-

Engine Number .....	808752
Type .....	4V802
Number of Cylinders .....	4
Diameter of Cylinders ...	4.1/8"
Stroke .....	5.1/8"
Maximum Pressure .....	775 lb.
Brake Horse Power .....	40
Revolutions per minute ..	1000
Span of Bearings .....	7"
Diameter of Journals ....	3.5/8"
Diameter of Crankpins ...	3"
Breadth of Webs .....	4.1/8"
Thickness of Webs .....	1.11/16"

The engine has been surveyed during construction in accordance with the approved plans and the Regulations of this Society, materials and workmanship being good.

The engine has been tested in the shop under working conditions and found to be satisfactory.

For purposes of identification the Cylinder Block is stamped

Eng. No. 808752

LLOYD'S REGISTER

50 lb./sq. in

J. H. B. 0.0.41

*J. H. Buchanan*

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."