

COPY.

Lloyd's Register of Shipping.



Port

NOTTINGHAM. 14th May, 1946.

Ruston & Hornsby Ltd., Engine No. 233409.

Type 3VROZ.

C.4110.

32511/T/17/450175.

Nilford Viscount - 54286.

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 three cylinder 4.C.S.A. Heavy Oil Engine No. 233409 manufactured by them to the order of Messrs. Cochrane & Sons of Glasgow, Yard No. 1319, and intended for auxiliary purposes. The engine is direct coupled to one 19 H.P. electric generator No. 200417 manufactured by Messrs. Laurence Scott Ltd., of Norwich, and is also arranged to drive through a clutch one twin cylinder vertical single stage two crank air compressor No. 69615 and one 2½" single stage self priming centrifugal pump No. 69754, made by Messrs. Hemworthy Engineering Co. Ltd., of Poole.

Particulars of the engine are as follows:-

Engine Number.....	233409
Type.....	3VROZ
Number of Cylinders.....	3
Diameter of Cylinders.....	4.1/2"
Stroke.....	5.1/2"
Maximum Pressure.....	800 lb.
Brake Horse Power.....	30
Revolutions Per Minute.....	1000
Span of Bearings.....	6.15/16"
Diameter of Journals.....	3"
Diameter of Crankpins.....	3"
Breadth of Webs.....	3.3/4"
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 shops under working conditions and found to be satisfactory.

For purposes of identification the engine has been stamped on the cylinder block thus:-

LLOYD'S TEST
50 lb./sq.in. p.p. J. H. Buchanan,
S.S.46. TB
Eng.No. 233409.

Fee: £4. 0. 0.

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."