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Lloyd's Register of Shipping.



Port NOTTINGHAM. 18th March, 1943

Ruston & Hornsby Ltd. Engine No. 208000

Type 2V10Z

C.1351
2849/1742/11/391/4

This is to Certify that

J. N. 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 Two Cylinder 4 S.C.T.A. Heavy Oil Engine No. 208000, manufactured by them to the order of Messrs. Richard Dunston Ltd., Thorne, N.Y. Doncaster. The engine is direct coupled to one 3 KW. Electric Generator No. 30A587, manufactured by Messrs. Lancashire Dynamo & Crypto Ltd., and is arranged to drive through clutches one Hamworthy Single Stage Air Compressor No. 50273 and one 2.1/2" Hamworthy centrifugal pump No. 50697.

Particulars of the engine are as follows:-

Engine Number	208000
Type	2V10Z
Number of Cylinders	2
Diameter of Cylinders	4"
Stroke	4"
Maximum Pressure	850 lb.
Brake Horse Power	10
Revolutions per minute ...	1000
Span of Bearings	5"
Diameter of Journals	2.1/8"
Diameter of Crankpins	2.1/2"
Breadth of Webs	3.3/4"
Thickness of Webs	1.1/16"

The engine has been surveyed during construction in accordance with the approved plans and the Regulations of this Society, material 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:-

Installed at Thorne
on M.S. "EMPIRE TOWNSMAN"

W. J. Shields

Eng. No. 208000
LLOYD'S TOWNSMAN
50 lb./sq.in
J.N.B. 21.12.42

J. N. Buchanan

al. 1st Rpt. Rpt. 52108.

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."