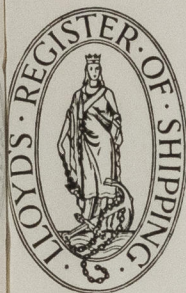


LLOYD'S REGISTER OF SHIPPING



Port NOTTINGHAM. 25th April, 1961.

Ruston & Hornsby Ltd., Engine No. 463862

Type 1YBZ

C8/76809/24/602264 B.32035.

This is to Certify that

J.B. Taylor

the undersigned Surveyor to this Society did at the request of

Messrs. Ruston & Hornsby Ltd., Grantham.

attend at their works for the purpose of examining and testing
One Heavy Oil Engine as noted below, manufactured to the order of James
Greaves & Co.Ltd., Manchester, and intended for auxiliary purposes -
Mazagon, Bombay.

Particulars of the engine are as follows:-

Engine Number.....	463862
Type	YBZ
Number of Cylinders	1
Diameter of Cylinders.....	3 $\frac{1}{2}$ "
Stroke.....	4 $\frac{1}{8}$ "
Maximum Pressure.....	700 lbs.
Mean Indicated Pressure.....	80
Brake Horse Power	4
Revolutions per Minute	1000
Span of Bearings.....	4 $\frac{3}{4}$ "
Diameter of Journals	3 $\frac{3}{8}$ "
Diameter of Crankpins.....	2.7/16"
Breadth of Webs	3 $\frac{1}{2}$ "
Thickness of Webs	1.5/16"
Crankcase Volume.....	-
No. & Total Area of Crankcase	
Relief Valves if Fitted	-

This engine has been built under Special Survey, in
accordance with the Approved Plans and Rules of the Society,
materials and workmanship being good.

On completion, the above machinery was tried in the
shops under working conditions with satisfactory results.

Particulars of identification marks:

Lloyd's Test

50 lbs.sq.ins.

23.10.60. JBT.

Engine No, 463862

Lloyd's Test

LL.12580.

Signed: J.B.Taylor.

Engine 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, 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."