

COPY

LLOYD'S REGISTER OF SHIPPING

Port

MANCHESTER.

176.

11th January, 1960.

This is to Certify that

J. W. COULTHARD.

the undersigned Surveyor to this Society did at the request of

The National Gas & Oil Engine Co. Limited. Ashton-U-Lyne.

attend at their works for the purpose of examining and testing
One M44A Type heavy oil engine for driving English Electric 60.Kw Generator
Serial No. DCG.0176/367 for Vulcan Foundry Co., Contract No. 46895/70 and
intended for Ship No. 2007, building at Samuel White, Cowes.

Particulars of the engine are as follows:-

Engine Number.....	91137
Type	4 S.C.S.A.
Number of Cylinders	4
Diameter of Cylinders	6"
Stroke	8.1/2"
Maximum Pressure	1,000 p.s.i.
Mean Indicated Pressure	110 p.s.i.
Brake Horse Power	110
Revolutions per Minute	1,000
Span of Bearings	6.7/8"
Diameter of Journals	5.308
Diameter of Crankpins	4.1/2"
Breadth of Webs	7.1/4"
Thickness of Webs	1.1/2"

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, driving the generator.

For purposes of identification the cylinder block and crankshaft were stamped thus:-

Cylinder Block.

Crankshaft.

LLOYD'S TEST

60. lb./sq. in.
16.7.59. J.W.C.

LLOYD'S TEST

No. 3428 MCH
R.J.Y. 24.7.58.

Fee:— 14. 7s. 6d.
Exp. — 5s. 0d.

Engineer 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, 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."