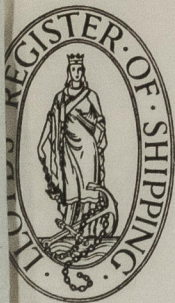


LLOYD'S REGISTER OF SHIPPING



HULL F E REPORT NO 67905

Port

MANCHESTER

617

4th January, 1962.

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-under-Lyne
attend at their works for the purpose of examining and testing

Two - LE6 Type Heavy Oil Engines for auxiliary purposes each
driving a 75 KW Alternator supplied to the order of Messrs.

Mirrlees, Bickerton & Day. Contract No. 0190/75 for Richard Dunston
Particulars of the engine are as follows:- Ship Yd. No. 781.

Engine Number.....	0359/55 and 0360/55
Type	4 S.C.S.A.
Number of Cylinders	6
Diameter of Cylinders.....	5.625
Stroke	6"
Maximum Pressure	1000 lbs p.s.i.g.
Mean Indicated Pressure.....	118 lbs p.s.i.g.
Brake Horse Power	109
Revolutions per Minute	1500
Span of Bearings.....	6.375"
Diameter of Journals	4.25"
Diameter of Crankpins	4"
Breadth of Webs	5.75"
Thickness of Webs	1.656"

These engines have 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, each engine coupled to its respective alternator was tested as a combined set

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

LLOYD'S TEST

60 lb./sq. in.

31.10.61. JWC

2.11.61. JWC

LLOYD'S TEST

No.

AUG 669 AO 51 HKS 1.9.61.

AUG 676 AO 51 HKS 1.9.61.

During the engine tests particular attention was given to the running and voltage regulation and the maximum deviation was found to be within that specified.

Fee:- £ 28. 15. 0d.

Exp:- £ 1. 15. 0d.

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 responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register or other publication of the Society, or for any error of judgment, default, or negligence of any of its Committees or any Member of the Surveyors, or other Officers or Agents of the Society."

Engineer Surveyor to

Lloyd's Register of Shipping.

Richard Dunston

Lloyd's Register
Foundation