

No. in Survey held at
Reg. Book.

Owners Port belonging to

Oil Engines made at Lincoln By whom made Austin & Hornsby, Ltd ^{ENGINE} ~~Contract~~ No. 185384 When made 1938

Generators made at ✓ By whom made ✓ Contract No. ✓ When made ✓

IL ENGINES, &c.—Type of Engines *3VCRZ Vertical Solid Injection* 2 or 4 stroke cycle *4* Single or double acting *4*

Span of bearings, adjacent to the Crank, measured from inner edge to inner edge $9\frac{1}{8}"$ Is there a bearing between each crank? *yes*

as per Rule. *Approved*
 Crank Shaft, dia. of journals *6"* Crank pin dia. *4 $\frac{3}{4}$ "* Crank Webs *8"* Mid. length breadth *2 $\frac{1}{2}$ "* Thickness parallel to axis *shrink*

Intermediate shafts, diameter $\frac{3}{4}$ as fitted ☒ Thickness of cylinder liners $\frac{3}{4}$ ☒

Are the exhaust pipes and silencers water cooled or lagged with non-conducting material *Water cooled.*

ir Compressors, No. 61859 G No. of stages Three Diameters ✓ Stroke ✓ Displacement ✓

R RECEIVERS:—Is each receiver, which can be isolated, fitted with a safety valve as per Rule

an the internal surfaces of the receivers be examined ✓ What means are provided for cleaning their inner surfaces ✓

there a drain arrangement fitted at the lowest part of each receiver..... ✓

High Pressure Air Receivers, No.	Cubic capacity of each	Internal diameter	thickness
Seamless, lap welded or riveted lap joints			

Material	✓	Range of tensile strength	✓	Working pressure by Rules	✓
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amless, lap welded or riveted longitudinal joint	✓	Material	✓	Range of tensile strength	✓	thickness	✓
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ELECTRIC GENERATORS:—Type ✓

Pressure of supply ☒ volts. Load ☒ Amperes. Direct or Alternating Current ☒

alternating current system, state frequency of periods per second..... ✓

is the **Automatic Governor** been tested and found efficient when the whole load is suddenly thrown on or off? ✓

generators, do they comply with the requirements regarding rating ☒ are they compound wound ☒

they over compounded 5 per cent. ✓, if not compound would state distance between each generator ✓

Are all terminals accessible, clearly marked, and furnished with sockets ☒

Are the lubricating arrangements of the generators as per Rule.....✓

APPROVED FOR APPROVAL PRINTS FORWARDED HEREIN FOR SHIPPLING 4-17-52 Receivers ☒ Separate Tanks ☒
(If not, state date of approval)

As per Rule requirements ✓

...is foregoing a correct description.

L. Lloyd Manufacturer.

003056-003064-

Dates of Survey while building { During progress of work in shops - - 1937 Jan 3. 11. 24 Jul 19. 22 Aug 12 Sep 20 1938 Mar 14. 17 May 27. 30 Jun 2. 8
During erection on board vessel - - -
Total No. of visits 13

Dates of Examination of principal parts—Cylinders 30. 5. 38 Covers 30. 5. 38 Pistons 30. 5. 38 Piston rods ✓

Connecting rods 4. 4. 38 Crank and Flywheel shaft 14. 3. 38 Intermediate shaft ✓

Crank and Flywheel shafts, Material Steel Identification Mark LLOYD'S 3333 - 14. 3. 38 A.S.

Intermediate shafts, Material ✓ Identification Marks ✓

Is this machinery duplicate of a previous case Yes If so, state name of vessel Gun Rpt. No. 20491

General Remarks (State quality of workmanship, opinions as to class, &c.)

This engine and compressor have been built under special survey in accordance with the Rules and approved plans.

The workmanship and materials are good.

Running tests have been carried out at the Makers works with satisfactory results.

The set is being despatched to Greenock to the order of Messrs J. G. Kincaid & Co., Ltd. for fitting on board the vessel.

1m. 9. 28.—Transfer.
(The Surveyors are requested not to write on or below the space for Committee Minute.)

Request form attached Gun Rpt 20491
of 2584/P/11. 8434 - 37/11. 935.

The amount of Fee

Travelling Expenses (if any)

When applied for,

19.....

When received,

19.....

Witnessed for J. G. H. Ballinor Esq.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned



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Lloyd's Register
Foundation