

REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 1383

Date of writing Report July 14th 1933 when handed in at Local Office 1st Aug. 1933 Port of Cadiz Received at London Office AUG 1933
No. in Survey held at Cordoba Date, First Survey July 5th Last Survey July 6th 1933
Reg. Book. 59185 on the Single Screw vessel "Campeche" Number of Visits 2 days

Building Malagorda Cadiz By whom built S E de C N Yard No. 66 When built 1933
Owners C.A.M.P.S.A. Port belonging to
Oil Engines made at Bilbao By whom made S E de C N Contract No. When made 1933
Generators made at Cordoba By whom made Constructora Nacional Maquinaria Electrica Contract No. OPIY18 When made 1933
No. of Sets 2 Engine Brake Horse Power Nom. Horse Power as per Rule Total Capacity of Generators 140 Kilowatts.

OIL ENGINES, &c.—Type of Engines 2 or 4 stroke cycle Single or double acting

Maximum pressure in cylinders Diameter of cylinders Length of stroke No. of cylinders No. of cranks

Span of bearings, adjacent to the Crank, measured from inner edge to inner edge Is there a bearing between each crank

Revolutions per minute Flywheel dia. Weight Means of ignition Kind of fuel used

Crank Shaft, dia. of journals as per Rule Crank pin dia. Crank Webs Mid. length breadth Thickness parallel to axis
 as fitted Mid. length thickness shrunk Thickness around eye-hole

Flywheel Shaft, diameter as per Rule Intermediate Shafts, diameter as per Rule Thickness of cylinder liners
 as fitted as fitted

Is a governor or other arrangement fitted to prevent racing of the engine when declutched Means of lubrication

Are the cylinders fitted with safety valves Are the exhaust pipes and silencers water cooled or lagged with non-conducting material

Cooling Water Pumps, No. Is the sea suction provided with an efficient strainer which can be cleared within the vessel

Lubricating Oil Pumps, No. and size

Air Compressors, No. No. of stages Diameters Stroke Driven by

Scavenging Air Pumps, No. Diameter Stroke Driven by

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

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

Is 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 longitudinal joint Material Range of tensile strength Working pressure by Rules

Starting Air Receivers, No. Total cubic capacity Internal diameter thickness
Seamless, lap welded or riveted longitudinal joint Material Range of tensile strength Working pressure by Rules

ELECTRIC GENERATORS:—Type SR 250.

Pressure of supply 220 volts. Load 318 Amperes. Direct or Alternating Current Direct

If alternating current system, state frequency of periods per second

Has 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 yes are they compound wound yes
are they over compounded 5 per cent. yes, if not compound wound state distance between each generator

is an adjustable regulating resistance fitted in series with each shunt field yes Are all terminals accessible, clearly marked, and furnished with sockets yes
are they so spaced or shielded that they cannot be accidentally earthed, short circuited, or touched yes Are the lubricating arrangements of the generators as per Rule yes

PLANS. Are approved plans forwarded herewith for Shafting Yes ✓ Receivers Separate Tanks

SPARE GEAR No

CONSTRUCTORA NACIONAL DE MAQUINARIA ELECTICA
FABRICA DE CONSTRUCTORES

V. Reguera
DIRECTOR

The foregoing is a correct description.

Manufacturer.



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Dates of Survey while building { During progress of work in shops - - }
 { During erection on board vessel - - - }
 Total No. of visits

2 days 4 visits

Dates of Examination of principal parts—Cylinders ✓ Covers ✓ Pistons ✓ Piston rods ✓

Connecting rods ✓ Crank and Flywheel shaft ✓ Intermediate shaft ✓

Crank and Flywheel shafts, Material ✓ Identification Mark ✓

Intermediate shafts, Material ✓ Identification Marks ✓

Is this machinery duplicate of a previous case yes If so, state name of vessel "Campexo"

General Remarks (State quality of workmanship, opinions as to class, &c.) The workmanship on these generators is very good and the two now examined and tested are eligible in my opinion to be classed after the trials yet to be carried out when mounted on board.

10 about 75 kept

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

The amount of Fee ...	Rs 240.00	When applied for,	19.33
Travelling Expenses (if any)	Rs 246.00	When received,	14.8 19.33

Y. Probert,
acting Surveyor to Lloyd's Register of Shipping.

FRL 15 JUN 1984

Committee's Minute

Assigned

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