

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 Cádiz
 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 Cádiz 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. OP1118 When made 1933
 Generators made at Cordoba By whom made Construclora Nacional Maquinaria Eléctrica Contract No. OP1118 When made 1933
 No. of Sets 2 Engine Brake Horse Power 140 Nom. Horse Power as per Rule 140 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 ☒Flywheel Shaft, diameter ☒ as per Rule ☒ Intermediate Shafts, diameter ☒ as per Rule ☒ Mid. length thickness ☒ Thickness around eye hole ☒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 DirectIf 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 yesare 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 yesare 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 yesPLANS. Are approved plans forwarded herewith for Shafting yes Receivers ☒ Separate Tanks ☒SPARE GEAR No

CONSTRUCTORA NACIONAL DE MAQUINARIA ELECTICA

FABRICA DE CONSTRUCTORES

DIRECTOR

The foregoing is a correct description.

Manufacturer.



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Lloyd's Register
Foundation

014287-014299-0247

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 "Campero"

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.

To avoid H. kept

Im. 9.38 - 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

Committee's Minute FRL 15 JUN 1884
 Assigned See Coly Rpt. 1421 J.E.

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

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