

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

-5 JUN 6

Date of writing Report 20-5-1936 When handed in at Local Office 19 Port of Rotterdam

No. in Survey held at Alblasoudam Date, First Survey 4-3-36 Last Survey 25-5-1936
Reg. Book. on the m/s "EDENVALE" (Number of Visits... 5)

Built at Alblasoudam By whom built J. van der Noord Yard No. 559 When built 1936

Owners Wexford Steamship Comp. Port belonging to

Electric Light Installation fitted by N.V. Electro-Technisch Bureau "BOHAMEE" ROTTERDAM Contract No. When fitted 1936

System of Distribution 2 wire system

Pressure of supply for Lighting 32 volts, Heating volts, Power volts.

Direct or Alternating Current, Lighting direct Power

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 Yes

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

Where more than one generator is fitted are they arranged to run in parallel no, 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

Position of Generators engine room starboard side and one starboard aft.

is the ventilation in way of the generators satisfactory Yes, are they clear of all inflammable material Yes

if situated near unprotected woodwork or other combustible material, state distance of same horizontally from or vertically above the generators

and, are the generators protected from mechanical injury and damage from water, steam or oil Yes

are their axes of rotation fore and aft Yes

Earthing, are the bedplates and frames of the generating plant efficiently earthed Yes are the prime movers and

their respective generators in metallic contact Yes

Main Switch Boards, where placed engine room starboard side

If the generators and main switchboard are not placed in the same compartment, is each generator provided with

a fuse on each insulated pole as near as possible to the terminals of the generator, additional to that provided on the main switchboard

Switchboards, are they placed in accessible positions, free from inflammable gases and acid fumes Yes

are they protected from mechanical injury and damage from water, steam or oil Yes, if situated near unprotected

woodwork or other combustible material, state distance of same horizontally from or vertically above the switchboards and

are they constructed wholly of durable, non-ignitable non-absorbent materials Yes, is all insulation of high dielectric strength and of

permanently high insulation resistance Yes, if semi-insulating material is used, are all conducting parts insulated from the slab

with mica or micanite or other non-hygroscopic insulating material, and the slab similarly insulated from its framework

and is the frame effectively earthed Yes Are the fittings as per Rule regarding:— spacing or shielding of live parts

Yes, accessibility of all parts Yes, absence of fuses on back of board Yes, proportion of omnibus

bars 100 mm², individual fuses to voltmeter, pilot or earth lamp Yes, connections of switches Yes

Main Switchgear, description of switchgear for each generator and each outgoing circuit, and arrangement of equalizer switches for each

generator a two pole quick shut off switch.

Instruments on main switchboard ammeters voltmeters synchronising device for paralleling purposes.

Earth Testing, state what means are provided at the main switchboard for indicating the state of the insulation of the system 2 earth lamps

Switches, Circuit Breakers and Fusible Cut-outs, do these comply with the requirements of the Rules Yes

Joint Boxes Section and Distribution Boards, is the construction, protection, insulation, material, and position of these as per rule Yes



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If portable lamps for use in dangerous spaces are supplied, are they of a type approved by the Home Office none

[illegible]

All Conductors are of annealed copper conforming to British Standard Specification No. 7.

The Insulated Conductors are guaranteed to withstand the immersion and resistance tests specified in the Rules.

The foregoing is a correct description.

N.V. Electro-Technisch Bureau „BOHAMEE“

W. Vander Meer

Directeur

Electrical Engineers.

Date 20-5-36

COMPASSES.

Distance between electric generators or motors and standard compass 30 feet

Distance between electric generators or motors and steering compass 30 feet

The nearest cables to the compasses are as follows:—

A cable carrying 0.3 Ampères 1 feet from standard compass 1 feet from steering compass.

A cable carrying 0.3 Ampères 1 feet from standard compass 1 feet from steering compass.

A cable carrying 1 Ampères 1 feet from standard compass 1 feet from steering compass.

Have the compasses been adjusted with and without the electric installation at work at full power Yes

Has the effect of switching on and off circuits, motors and other electro-magnetic apparatus within the vicinity of the compasses been noted Yes

The maximum deviation due to electric currents was found to be nihil degrees on every course in the case of the standard compass, and nihil degrees on every course in the case of the steering compass.

R. P. N.V. Industriële Maatschappij „DE NEDER“

H. J. S. J. O. Geleesang

Builder's Signature.

Date

Is this installation a duplicate of a previous case no If so, state name of vessel

General Remarks

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

The electric installation has been made and fitted in accordance with the approved plan, Society's Rules and Secretary's letter. It has been tested under full working condition and was found satisfactory and merits in my opinion the approval of the Committee.

Noted
L.H.
8/6/36

Total Capacity of Generators

Kilowatts.

The amount of Fee ...

When applied for,

4.6 19.36

Travelling Expenses (if any) £

When received,

11.6 19.36

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE, 16 JUN 1936

Assigned

See Rot JE 24566



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