

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 14 JAN 1931

Date of writing Report 13th Jan 1931 When handed in at Local Office 13th Jan 1931 Port of Leith

No. in Survey held at Burntisland Date, First Survey 28th Aug 1930 Last Survey 7th Jan 1931
Reg. Book. (Number of Visits 6)

92151 on the S/S "QUEENSBURY" Tons { Gross 3911
Net 3426

Built at Burntisland By whom built Burntisland S. B. Co. Yard No. 162 When built 1931

Owners The Alexander Shipping Co Ltd. Port belonging to London

Electric Light Installation fitted by Burntisland S. B. Co Ltd. Contract No. ✓ When fitted 1931

Is the Vessel fitted for carrying Petroleum in bulk No.

System of Distribution Two Wire

Pressure of supply for Lighting 110 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 —, is an adjustable regulating resistance fitted in series with each shunt field —

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 stb side

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 4 1/2 feet 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 Bolted direct to Earth are the prime movers and their respective generators in metallic contact yes

Main Switch Boards, where placed Engine Room Bulkhead stb 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. 4 feet 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 Bolted direct to Earth. 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 yes, 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 Double Pole

Main Switch Knife Type and Single Pole Knife Type switches for Outgoing circuits

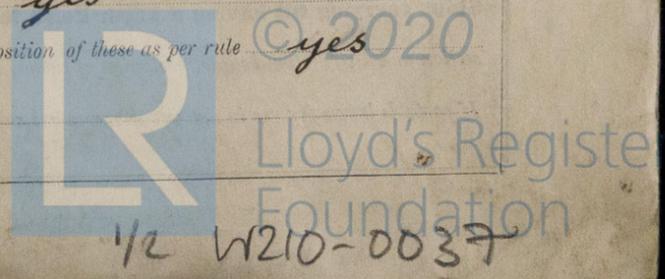
Instruments on main switchboard one ammeter, one voltmeter, — synchronising device for paralleling purposes.

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



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.

FOR THE BURNTISLAND SHIPBUILDING COMPANY LTD.

W. J. D. G. P.
MANAGING DIRECTOR.

Electrical Engineers.

Date *9th Jan 1931*

COMPASSES.

Distance between electric generators or motors and standard compass *115*

Distance between electric generators or motors and steering compass *118*

The nearest cables to the compasses are as follows:—

A cable carrying *.18* Ampères *7"* from standard compass *7"* from steering compass.

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

A cable carrying _____ Ampères _____ feet from standard compass _____ 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 *nil* degrees on *any* course in the case of the standard compass, and *nil* degrees on *any* course in the case of the steering compass.

FOR THE BURNTISLAND SHIPBUILDING COMPANY LTD.

W. J. D. G. P.
MANAGING DIRECTOR.

Builder's Signature.

Date *9th Jan 1931*

Is this installation a duplicate of a previous case If so, state name of vessel

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

This installation has been efficiently fitted on board in accordance with the Rules.

The Materials & Workmanship are sound & good, & the installation was found satisfactory under full load & working conditions.

It is submitted that this vessel is eligible for THE RECORD.

*See Light
J.A. 27/1/31.*

Total Capacity of Generators *4* Kilowatts.

The amount of Fee ... £ *4 : 0 : 0* { When applied for, *3rd Oct. 1930*
Travelling Expenses (if any) £ : : { When received, *1st Nov. 1930*

John Houston
Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned *Elec. Lt*



© 2020

Lloyd's Register Foundation

Im. 11.20.—Transfer.
(The Surveyors are requested not to write on or below the space for Committee's Minute.)