

**REPORT ON ELECTRIC FITTINGS.**

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office 23 SEP 1925

Date of writing Report 8. 7. 1925 When handed in at Local Office 19- 9- 1925 Port of GLASGOW.

No. in Survey held at GLASGOW. Date, First Survey Apr 3<sup>rd</sup> Last Survey May 27<sup>th</sup> 1925  
Reg. Book. S. S. No 608 "CITY OF STOCKHOLM." (Number of Visits.....)  
on the Tons { Gross 507 5  
Net

Built at GLASGOW. By whom built MESSRS BARCLAY CORLE &amp; CO and No. 608 When built 1925.

Owners G. L. L. Line Port belonging to Liverpool

Electric Light Installation fitted by MESSRS ALEX ANDERSON &amp; CO Contract No. 608 When fitted 1925

**System of Distribution**

Double Line

Pressure of supply for Lighting 220 volts, Heating None volts, Power 220 volts.

Direct or Alternating Current, Lighting Direct Power 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 Yes

Generator, do they comply with the requirements regarding overload Yes, are they compound wound Yes.  
are they over compounded 5 per cent. No, 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 and clearly marked Yes, are they so spaced or shielded that they cannot be accidentally earthed, or short circuited Yes Are the lubricating arrangements of the generators as per Rule Yes

Position of Generator Engine Room Platform, 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 No woodwork near and, are the generators protected from mechanical injury and damage from water, steam or oil yes.  
are their axis 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 Platform Starboard aft.

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 same comp.

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 No woodwork near and, are they constructed wholly of durable, incombustible 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 connected to one pole insulated from the slab with mica or micanite and the slab similarly insulated from its framework Yes, and is the

frame effectively earthed Yes. Are the following fittings as per Rule, viz.:— 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 Main switch and fuses for 1 Generator only, mounted direct on switchboard

Instruments on main switchboard 1 ammeters 1 voltmeters None 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 and fuses

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

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



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117-01220122



If portable lamps for use in dangerous spaces are supplied, are they of a type approved by the Home Office

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W117-01221212)



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.

Alexander Anderson, Ltd.  
J. M. Webster.

Electrical Engineers.

Date 13/7/25

#### COMPASSES.

Distance between electric generators or motors and standard compass 110 Feet

Distance between electric generators or motors and steering compass 170 "

The nearest cables to the compasses are as follows:—

A cable carrying 1.2 Ampères 6 feet from standard compass 7 feet from steering compass.

A cable carrying .4 Ampères 10 feet from standard compass 11 feet from steering compass.

A cable carrying .4 Ampères 18 feet from standard compass 17 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 BARCLAY, CURLE & COMPANY, LTD., Builder's Signature. Date 7. 9. 25.

W. H. Hump Director.

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.)

This installation has

been fitted on board under special survey.  
Tested under full working conditions & found  
satisfactory. The workmanship was found  
to be good and sound.

Elec. Light

W. H.

24/9/25.

Total Capacity of Generators 10 Kilowatts

The amount of Fee ... £10. 0. 0. When applied for, 2/9/25

Travelling Expenses (if any) £ : : 15/9/25. When received, M. S. A.

Committee's Minute GLASGOW 22 SEP 1925

Assigned Elec. Light.

J. S. Rankin  
Surveyor to Lloyd's Register of Shipping.



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Lloyd's Register  
Foundation

18-9-25

Im. 9.24.—Transfer.  
(The Surveyors are requested not to write on or below the space for Committee's Minute.)