

REPORT ON ELECTRIC FITTINGS.

(OTHER THAN FOR THE PROPULSION OF THE VESSEL)

Received at London Office

11 SEP 1924

Date of writing Report 10-9-1924 When handed in at Local Office 10-9-1924 Port of Leith

No. in Survey held at Burntisland Date, First Survey 28-6-24 Last Survey 27-8-1924
Reg. Book.

S. 90257 on the S/S "PENTRAETH"

(Number of Visits 7)

Tons { Gross 2480
Net 1500

Built at Burntisland By whom built Burntisland S.R. Co. Ltd. Yard No. 129 When built 1924

Owners Pentwyn S.S. Co. Ltd. Port belonging to London

Electric Light Installation fitted by Messrs Monereff, Methel Contract No. When fitted 1924

System of Distribution Double wire system.

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 overload? Yes, are they compound wound? No

are they over compounded 5 per cent. —, if not compound wound state distance between each generator 1 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 Shunt Regulator

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

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

Protected and do, 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

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 Protected and Protected.

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

permanently high insulation resistance —, 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 1 Generator

fitted, no equalizer switches, single pole switches & double pole fuses on

outgoing circuits. 6 in number.

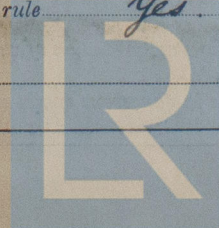
Instruments on main switchboard 1 ammeter 1 voltmeter No. synchronising device for paralleling purposes.

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

earth lamps fitted

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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Lloyd's Register

UK 44-0125(1/2)

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

MOTOR CONDUCTORS.									
Ref. No.	DESCRIPTION.	No. of Motors.	Effective Area of each Conductor, Sq. Ins.	COMPOSITION OF STRAND.		Total Maximum Current, Amperes.	Approximate Length, (Lead and Return.) Feet.	Insulated with	HOW PROTECTED.
				No.	Diameter.				
	BALLAST PUMP								
	MAIN BILGE LINE PUMPS								
	GENERAL SERVICE PUMP								
	EMERGENCY BILGE PUMP								
	SANITARY PUMP								
	CIRC. SEA WATER PUMPS								
	CIRC. FRESH WATER PUMPS								
	AIR COMPRESSOR								
	FRESH WATER PUMP								
	ENGINE TURNING GEAR								
	ENGINE REVERSING GEAR								
	LUBRICATING OIL PUMPS								
	OIL FUEL TRANSFER PUMP								
	WINDLASS								
	WINCHES, FORWARD								
	WINCHES, AFT								
	STEERING GEAR								
	WORKSHOP MOTOR								
	VENTILATING FANS								

The foregoing is a correct description.

Date 30/8/24

79-0"

73'-0"

A cable carrying 1 Ampères 10 feet from standard compass, 10 feet from steering compass.

Yes

yes

For THE BURNTISLAND SHIPBUILDING COMPANY Ltd

Builder's Signature. Date 9/9/24

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

General Remarks (State quality of workmanship, opinions as to class, &c. The installation has been well fitted & proved satisfactory on trial. It is recommended that a notation of electric light be inserted in the Register Book.

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

8
A.D.
12/9/24

The amount of Fee

£ 6

When applied for,

10-9-21

Travelling Expenses (if any) : £

When received,

Feb 20 1881

Committee's Minute

FRI. 3 OCT 1930

Assigned.

R. J. Easthope
Surveyor to Lloyd's Register of Shipping