

Insulation of Cables, state type of cables, single or twin Both are the cables insulated and protected as per Tables III or IV of the Rules Yes

Fall of Pressure, state maximum between bus bars and any point of the installation under maximum load 2.5 Falls

Cable Sockets and other connections, are the ends of all cables having a sectional area of 0.007 square inch and above provided with soldering sockets Yes

Paper Insulated Cables. If cables are paper covered, is the dielectric at the exposed ends of the conductor protected from moisture by being suitably sealed with insulating compound No paper Cable Insulation

Cable Runs, are the cables fixed as far as possible in accessible positions not exposed to drip or accumulation of water or oil, or to high temperature from boilers, steam pipes, uptakes or other hot objects, or to avoidable risk of mechanical damage Yes

Support and Protection of Cables, state how the cables are supported and protected. Clipped to Bulkheads and decks with Galvanized Iron and Brass Clips.

If cables are run in wood casings, are the casings and caps secured by screws No, are the cap screws of brass None, are the cables run in separate grooves —. If armoured and lead covered cables are secured by metal clips, are the clips spaced as per Table VI Yes

Refrigerated Chambers, if lights are fitted, are the cables and fittings in accordance with the special requirements None

Joints in Cables, state if any, and how made, insulated, and protected None

Watertight Glands and Deck Tubes, are all cables passing through decks and watertight bulkheads provided with deck tubes or watertight glands Yes

Bushes in Beams and Non-watertight Positions, where unarmoured cables pass through beams and non-watertight partitions, are the holes efficiently bushed Yes state the material of which the bushes are made Lead

Earthing Connections, state what earthing connections are fitted and their respective sectional areas None Lead wire job

are their connections made as per Rule —

Alternative Lighting, are the groups of lights in the propelling machinery space arranged as per Rule Yes

Emergency Supply, state position and method of control of the emergency supply and how the generator is driven None

Navigation Lamps, are these separately wired Yes, controlled by separate switch and separate fuses Yes

are the fuses double pole Yes, are the switches and fuses grouped in a position accessible only to the officers on watch Yes

has each navigation lamp an automatic indicator as per Rule Yes, are separate screens provided for the use of oil and electric side lights Yes

are separate oil lanterns provided for the mast head lights and side lights Yes

Fittings, are all fittings on weather decks, in stokeholds and engine rooms and wherever exposed to drip or condensed moisture, watertight Yes

are any fittings placed in spaces in which goods are liable to be stacked in close proximity to them; if so, how are they protected None

are any fittings placed in spaces where inflammable or explosive dust or gases are liable to be present, if so, how are they protected None

how are the cables led —

where are the controlling switches situated —

Searchlight Lamps, No. of None, whether fixed or portable None, are their fittings as per Rule —

Arc Lamps, other than searchlight lamps, No. of —, are their live parts insulated from the frame or case —, are their fittings as per Rule —

Motors, are their working parts readily accessible Yes, are the coils self-contained and readily removable for replacement Yes

are the brushes, brush holders, terminals and lubricating arrangements as per Rule Yes, are the motors placed in well-ventilated compartments in which inflammable gases cannot accumulate and clear of all inflammable material Yes

are they protected from mechanical injury and damage from water, steam or oil Yes are their axis of rotation fore and aft 2 fore & aft. 2 athwart

if situated near unprotected woodwork or other combustible material, are the motors of the totally enclosed, pipe-ventilated, forced draught, drip or flame proof type — and — no woodwork near. if not of this type, state distance of the combustible material horizontally or vertically above the motors — and —

Control Gear and Resistances, are the generator field and motor speed regulators, starters and controllers constructed as per Rule Yes

Lightning Conductors, where lightning conductors are required, are these fitted as per Rule —

Ships carrying Oil having a Flash Point less than 150 F. Have the special requirements of the Rules been complied with regarding switches, joint boxes, section and distribution boards, protection of cables, method of distribution, lead of cables, lights and fittings Yes

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

PARTICULARS OF GENERATING PLANT.

DESCRIPTION OF GENERATOR.	No. of	RATED AT				DRIVEN BY.	WHERE DRIVEN BY AN INTERNAL COMBUSTION ENGINE.	
		Kilowatts.	Volts.	Ampères.	Revs. per Min.		Fuel Used.	Flash Point of Fuel.
MAIN	1	10	220	45.5	465	Steam Engine	—	—
AUXILIARY	None							
EMERGENCY	None							
ROTARY TRANSFORMER	None							

LIGHTING AND HEATING CONDUCTORS.

Ref. No.	DESCRIPTION.	No. of Conductors.	Effective Area of each Conductor. Sq. Ins.	COMPOSITION OF STRAND.		Total Maximum Current. Ampères.	Approximate Length. (Lead and Return.) Feet.	Insulated with	HOW PROTECTED.
				No.	Diameter.				
	MAIN GENERATOR	2	.0600	19	.064	80	20	VIR	Lead Covered & Armoured
	AUXILIARY GENERATOR	None							
	EMERGENCY GENERATOR	None							
	ROTARY TRANSFORMER	None							
	AUXILIARY SWITCHBOARDS								
	ENGINE ROOM	2	.003	3	.036	8.3	20		Lead Covered & Armoured
	BOILER ROOM								
	WIRELESS	2	.004	4	.036		300	VIR	Lead Covered & Armoured
	SEARCHLIGHT	None							
	MASTHEAD LIGHT	2	.0015	1	.044		350	V. I. R.	Lead Covered & Armoured
	SIDE LIGHTS	2	.0015	1	.044		80	V. I. R.	Lead Covered Only
	COMPASS LIGHTS	2	.0015	1	.044		60	V. I. R.	Lead Covered Only
	POOP LIGHTS	2	.0015	1	.044		400	V. I. R.	Lead Covered & Armoured
	CARGO LIGHTS	2	.003	3	.036		80	V. I. R.	Lead Covered & Armoured
	ARC LAMPS	None							
	HEATERS	None							

MOTOR CONDUCTORS.

Ref. No.	DESCRIPTION.	No. of Motors.	Effective Area of each Conductor. Sq. Ins.	COMPOSITION OF STRAND.		Total Maximum Current. Ampères.	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	1	.0225	4	.064	50	60	VIR	Lead Covered & Armoured
	ENGINE TURNING GEAR								
	ENGINE REVERSING GEAR								
	LUBRICATING OIL PUMPS								
	OIL FUEL TRANSFER PUMP								
	WINDLASS								
	WINCHES, FORWARD								
	WINCHES, AFT								
	STEERING GEAR								
	WORKSHOP MOTOR								
	VENTILATING FANS								
	Shankles Compress	2	.004	4	.036	10	150	V. I. R.	Lead Covered & Armoured
	Lifting Motor	1	.004	4	.029	16	120	V. I. R.	Lead Covered & Armoured

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, Secretary

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.

Wm. 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

J.R.

24/9/25

Total Capacity of Generators 10 Kilowatts

The amount of Fee ... £10.00: When applied for, 2/9/25

Travelling Expenses (if any) £: When received, 15/9/25

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

Committee's Minute GLASGOW 22 SEP 1925

Assigned Elec. Light.

18-9-25

Im. 9. 2. 1.—Transfer.
 (The Surveys are requested not to write on or below the space for Committee's Minute.)



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