



**DESCRIPTION OF INSULATION, PROTECTION, ETC.—continued.**

Are they in places always accessible They are all in accessible places

What special protection has been provided for the cables in open alleyways or where exposed to weather or moisture Armouring or lead covering

What special protection has been provided for the cables near galleys or oil lamps or other sources of heat Armouring

What special protection has been provided for the cables near boiler casings Armouring

What special protection has been provided for the cables in engine room lead covering and iron piping

How are cables carried through beams with wood or lead lining through bulkheads, &c. with water tight glands

How are cables carried through decks with galvanized iron pipes

Are any cables run through coal bunkers Yes or cargo spaces Yes or spaces which may be used for carrying cargo, stores, or baggage Yes

If so, how are they protected with armouring and piping

Are any lamps fitted in coal bunkers or spaces which may at times be used for cargo, coals, or baggage 19 lamps & 8 sockets & pins for use of portable lamps

If so, how are the lamp fittings and cable terminals specially protected They are protected with guarded water tight covers.

Where are the main switches and cut outs for these lights fitted Outside in water tight cast iron boxes

(If in the spaces, how are they specially protected)

Are any switches or cut outs fitted in bunkers None

Cargo light cables, whether portable or permanently fixed Portable How fixed With water tight sockets & pins

(In vessels fitted on the single wire system, how is the dynamo terminal fixed to the hull of vessel)

(How are the returns from the lamps connected to the hull)

(Are all the joints with the hull in accessible positions)

The installation is completely supplied with 2 voltmeters and 2 an amperemeters fixed on two marble switchboards

**VESSELS BUILT FOR CARRYING PETROLEUM.**

In vessels built for carrying petroleum, are all switches and cut-outs fitted in positions not liable to the accumulation of petroleum vapour or gas

Are any switches, cut outs, or joints of cables fitted in the pump room or companion

How are the lamps specially protected in places liable to the accumulation of vapour or gas

The copper used is guaranteed to have a conductivity of 98 per cent. that of pure copper.

Insulation of cables is guaranteed to have a resistance of not less than 600 megohms per statute mile after 24 hours' immersion in seawater.

The foregoing statements are a correct description of the Electric Light installation fitted by us on this vessel and we declare that it is at this date in good order and safe working condition.

Electrical Engineers

Date

**COMPASSES.**

Distance between dynamo or electric motors and standard compass 99 feet

Distance between dynamo or electric motors and steering compass 96 feet

The nearest cables to the compasses are as follows:—

A cable carrying	<u>5</u> Amperes	<u>9</u> feet from standard compass	<u>8 1/2</u> feet from steering compass
A cable carrying	<u>3</u> Amperes	<u>9 1/2</u> feet from standard compass	<u>8</u> feet from steering compass
A cable carrying	Amperes	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

The maximum deviation due to electric currents, etc., was found to be nil degrees on all courses in the case of the standard compass and nil degrees on all courses in the case of the steering compass.

**Kawasaki Dockyard Co., Ltd.**

For Gen. Nishikubo

Builder's Signature.

Date

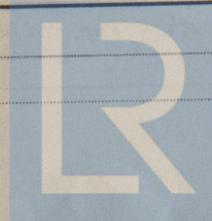
**GENERAL REMARKS.**

Chief Secretary. The workmanship has been found good and on trial the installation worked satisfactorily.

Arthur L. Jones

Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute



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