

1967/99



**THE ELECTRICAL WIRING REGULATIONS 1961,
AMENDMENT NO. 5**

BERNARD FERGUSSON, Governor-General

ORDER IN COUNCIL

At the Government Buildings at Wellington this 15th day of May 1967

Present:

THE RIGHT HON. KEITH HOLYOAKE, C.H., PRESIDING IN COUNCIL

PURSUANT to the Public Works Act 1928, His Excellency the Governor-General, acting by and with the advice and consent of the Executive Council, hereby makes the following regulations.

REGULATIONS

1. These regulations may be cited as the Electrical Wiring Regulations 1961, Amendment No. 5, and shall be read together with and deemed part of the Electrical Wiring Regulations 1961* (hereinafter referred to as the principal regulations).

2. (1) Regulation 20 of the principal regulations, as amended by regulation 2 of the Electrical Wiring Regulations 1961, Amendment No. 2, is hereby further amended by omitting from subclause (1) the words "subclauses (3) and (4)", and substituting the words "subclauses (3), (4), and (5)."

(2) Regulation 20 of the principal regulations, as so amended, is hereby further amended by adding the following subclause:

"(5) Marking of amperage or wattage, as required by subclause (1) of this regulation, may be omitted from electric dry-shavers."

(3) Regulation 2 of the Electrical Wiring Regulations 1961, Amendment No. 2, is hereby consequentially amended by revoking paragraph (a) of subclause (1).

3. (1) Regulation 37 of the principal regulations, as amended by regulation 4 of the Electrical Wiring Regulations 1961, Amendment No. 2, is hereby further amended by omitting the words "is of the totally enclosed metal-clad type", and substituting the words "is totally enclosed in metal".

*S.R. 1961/8

Amendment No. 1: S.R. 1961/130

Amendment No. 2: S.R. 1965/43

Amendment No. 3: S.R. 1965/114

Amendment No. 4: S.R. 1965/180

(2) The Electrical Wiring Regulations 1961, Amendment No. 2, are hereby consequentially amended by revoking regulation 4.

4. Regulation 63 of the principal regulations is hereby amended by inserting in subclause (1), after the word "inspection", the words "(except in the case of cables buried in the ground, or floor-warming cables buried in concrete)".

5. The principal regulations are hereby amended by revoking regulation 93, and substituting the following regulation:

"93. Flammable or explosive conditions—Electrical apparatus installed or used where there is an explosion hazard shall, unless it is intrinsically safe apparatus, comply with the following requirements:

"(a) In all instances where electrical apparatus may be exposed to a flammable concentration of gas or vapour, it shall be of flameproof construction; or such arrangements shall be made for the internal pressurisation or ventilation of the apparatus as will effectively prevent the ingress of any such gas or vapour:

"(b) In areas which are hazardous because of the presence of combustible dust or dust of an electrically-conducting nature, electrical apparatus shall be of a suitable dust-excluding type of construction."

6. Regulation 114 of the principal regulations is hereby amended by inserting in subclauses (1) and (2), after the word "handlamps" in each place where it occurs, the words "except portable flameproof electric handlamps complying with New Zealand Standard Specification No. 380:1966 which relates to flameproof electric lighting fittings".

7. Regulation 118 of the principal regulations, as amended by regulation 13 of the Electrical Wiring Regulations 1961, Amendment No. 2, is hereby further amended by revoking subclause (1), and substituting the following subclauses:

"(1) Except as provided for in subclause (10) of this regulation, the supply of electricity to every lift, other than a service lift, shall be taken direct from the main switchboard for the installation by means of a submain or subcircuit to which no other lighting, heating, or power device is connected:

"Provided that in the case of a large building or a detached building the supply may be taken direct—

"(a) From the main distribution board in that part of the building in which the lift is located; or

"(b) From a rising main or submain in that part of the building in which the lift is located.

"(1A) The main switch on any distribution board to which a lift is connected shall be clearly and legibly marked "THIS SWITCH SUPPLIES A LIFT"."

8. Regulation 122 of the principal regulations is hereby amended by adding to subclause (2) the following paragraph:

"(o) Regulation 25, in so far as it relates to the position of switches."

9. (1) Regulation 149 of the principal regulations is hereby amended by adding to paragraph (a) of subclause (1) the words "other than portable flameproof electric handlamps complying with New Zealand Standard Specification No. 380:1966".

(2) Regulation 149 of the principal regulations is hereby amended by adding to paragraph (c) of subclause (1) the words "for the purposes of paragraph (e) of subclause (4) of regulation 102 hereof."

10. Regulation 152 of the principal regulations, is hereby amended by adding the following subclause:

"(10) Bare earth-continuity conductors, including those exposed by the removal of the sheath of a composite cable, installed within or behind accessories, mounting blocks, or switchboards and liable to come in contact with live conductors or their insulation, shall be insulated with a flexible sleeve of suitable material having a minimum thickness of 0.025 in."

T. J. SHERRARD,
Clerk of the Executive Council.

EXPLANATORY NOTE

This note is not part of the regulations, but is intended to indicate their general effect.

These regulations amend the Electrical Wiring Regulations 1961. They affect the marking of electric dry shavers, the requirements for switchboards in lavatories and under stairways, the circumstances in which buried joints are required to be accessible for inspection, the requirements for the installation and use of electrical apparatus where flammable or explosive conditions exist, and the requirements in connection with portable electric headlamps, electric lifts, extra-low voltage installations, and earthing.

Issued under the authority of the Regulations Act 1936.

Date of notification in *Gazette*: 18 May 1967.

These regulations are administered in the New Zealand Electricity Department.