

1958/7



**THE ELECTRICAL WIRING REGULATIONS 1935,
AMENDMENT NO. 5**

—
COBHAM, Governor-General
ORDER IN COUNCIL

At the Government Buildings at Wellington this 29th day of January
1958

Present:
THE RIGHT HON. W. NASH 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.

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REGULATIONS

1. (1) These regulations may be cited as the Electrical Wiring Regulations 1935, Amendment No. 5, and shall be read together with and deemed part of the Electrical Wiring Regulations 1935* (hereinafter referred to as the principal regulations).

(2) These regulations shall come into force on the 1st day of March 1958:

Provided that, in their application to washing machines and portable appliances with a rating exceeding 2 kilovolt amperes, the principal regulations as heretofore amended shall, until the 1st day of January 1959, be read as if these regulations had not been passed.

2. The principal regulations are hereby amended by revoking regulation 47-11, and substituting the following regulation:

“47-11. Every washing machine shall be connected to an outlet in the room in which the machine is used.”

3. The principal regulations are hereby amended by revoking regulation 47-92, as substituted by regulation 31 of the Electrical Wiring Regulations 1935, Amendment No. 3, and substituting the following regulation:

“47-92. (1) Subject to the provisions of this regulation and of regulations 27-21, 47-12, 47-91, 54-01, and 54-03 of these regulations, every portable appliance shall be provided with or used in conjunction with a safeguard of a type which (by subclause (2) of this regulation) is

**Gazette*, 1935, Vol. III, p. 2539
Amendment No. 1: S.R. 1938/1
Amendment No. 2: S.R. 1940/126
Amendment No. 3: S.R. 1942/259
Amendment No. 4: S.R. 1944/158

approved for the purposes of this regulation and which (by subclause (3) of this regulation) is declared to be suitable for the conditions of use thereof that for the time being apply.

“(2) The following types of safeguards for portable appliances are approved for the purposes of this regulation:

- “(a) The fact that the portable appliance is of the all-insulated type, where that is the case:
- “(b) Direct earthing by means of the earthing-lead in a flexible cable or flexible cord not having a braided metallic covering:
- “(c) Direct earthing by means of the earthing-lead in a flexible cable or flexible cord having a braided metallic covering, installed in accordance with the provisions of regulation 54-24 hereof, and fitted with approved accessories:
- “(d) Double insulation complying with an approved standard:
- “(e) Supply from a source isolated from earth and having a pressure not exceeding 250 volts:
- “(f) Supply from a source connected to earth in such a way that the voltage to earth under fault conditions will not exceed 55 volts:
- “(g) Supply from a monitored earth circuit arranged to cut off supply automatically in the event of the earth-continuity conductor to the portable appliance breaking or becoming disconnected:
- “(h) Supply at extra low pressure.

“(3) The type of approved safeguard provided for or employed with any portable appliance under the conditions of use thereof that for the time being apply shall be one of those specified in the following table as suitable for those conditions:

Conditions of Use of Portable Appliance	Suitable Type of Safeguard Specified in Subclause (2) of this Regulation
In any dry indoor situation, whether there is complete freedom from earth or earthed metal or whether there is earth or earthed metal present, but not where exposed earthed metal is being worked upon	Any type.
In any dry indoor situation where exposed earthed metal is being worked upon	Any of the types described in paragraphs (c) to (h).
In any outdoor situation, or in any wet or damp situation in any building or other structure under construction, or in any factory where wet processing is carried on, or in any other wet or damp indoor situation	Any of the types described in paragraphs (d) to (h).

“(4) For the purposes of subclause (3) of this regulation, a domestic laundry shall be deemed to be a dry indoor situation.

“(5) Every portable isolating transformer shall be located adjacent to its point of supply unless the transformer and the flexible cable or flexible cord connected to its primary winding are provided with or used in conjunction with a safeguard in accordance with this regulation as though they were a portable appliance.

“(6) Where more than one portable appliance is connected to a single secondary winding of an isolating transformer, the exposed metal of the appliances shall be effectively bonded together but not earthed.”

4. Regulation 31 of the Electrical Wiring Regulations 1935, Amendment No. 3 is hereby consequentially revoked.

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 substitute comprehensive provisions applying to every portable appliance under any conditions of use, in place of the existing provisions which apply only to portable appliances used in a position where the person touching the appliance is in contact with any conducting liquid.

In future every portable electrical appliance (which includes a machine or tool) must be provided with or used in conjunction with a safeguard of a type which is described and approved in the new regulation, and which is specified in the regulation as suitable for the conditions of use of the portable appliance. Certain additional precautions where an isolating transformer is used are also laid down.

The new regulation will come into force, in the case of portable appliances with a rating not exceeding 2 kilovolt amperes, on the 1st day of March 1958, and in the case of all other portable appliances, on the 1st day of January 1959.

Issued under the authority of the Regulations Act 1936.

Date of notification in *Gazette*: 30 January 1958.

These regulations are administered in the State Hydro-electric Department.