

Electricity Regulations (CrispTech Residual Current Device) Notice (No. 2) 2016

Pursuant to Regulation 87 of the Electricity (Safety) Regulations 2010 (“Regulations”), I, Wayne Anthony Vernon, General Manager, High Hazards and Energy Safety, WorkSafe New Zealand, give the following notice.

Notice

1. Short title and commencement:

- a. This notice is the Electricity Regulations (CrispTech Residual Current Device) Notice (No. 2) 2016.
- b. The prohibitions contained in this notice take effect on **13 July 2016**.

2. Prohibited equipment:

- a. The sale (including an offer to sell) or use (including installation) of the following electrical fitting for medical electrical purposes as described in this notice, is prohibited: CrispTech Residual Current Device, Model: RY30-32LE, as described in clause 3 (“prohibited RCD”).
- b. The use of a medical-electrical installation which contains a prohibited RCD is prohibited.

3. Description—The prohibited RCD is further described as follows:

- a. The prohibited RCD has been installed in mobile dental clinics.
- b. The prohibited RCD has known markings that include “CrispTech”, “RY30-32LE”, “Type A”, “SAA111196EA” and “A/13663EA”.
- c. The characteristics of the prohibited RCD are:
 - It has a plastic body.
 - It has four connections (screw terminals) where wires can be inserted and tightened up with a tool designed for the purpose.
 - It has “line” and “load” (or similar) polarity requirements and may or may not be DIN rail-mountable.
 - It has a test button that is normally marked in the colour yellow with an embossed “T”.
 - It has a switch that can be changed to an off or on position.
- d. The following image shows a sample of the prohibited RCD for identification purposes:



4. Reasons for prohibition:

- a. The prohibited RCD is, or may be, electrically unsafe, in that there is significant risk that a person may suffer harm as a result of dangers arising from use of, or passage of electricity through, the prohibited RCD.
- b. The reasons for believing the prohibited RCD is or may be unsafe are that:
 - i. Under test or fault conditions, the prohibited RCD may not isolate the power supply from the protected circuit.
 - ii. Regulation 22 of the Regulations deems the prohibited RCD to be unsafe, as it is supplied on the basis that it has a safety function that it does not in fact have.
 - iii. The prohibited RCD is not a Type 1 RCD, as required for medical locations by AS/NZS 3003:2011.
 - iv. The prohibited RCD does not comply with Regulation 60 of the Regulations in that it does not meet AS/NZS 61009, as required under AS/NZS 3003.
 - v. In normal use, the prohibited RCD may function in such a way as to be electrically unsafe in the terms described in Regulation 24(6).

5. Revocation—The Electricity Regulations (CrispTech Residual Current Device) Notice 2016, published in the [New Zealand Gazette, 28 April 2016, Issue No. 38, Notice No. 2016-au2362](#), is revoked.

Dated at Wellington this 20th day of May 2016.

WAYNE ANTHONY VERNON, Manager, High Hazards and Energy Safety, WorkSafe New Zealand.