

# ELECTRICAL HAZARD NOTIFICATION - UNAUTHORISED FITTING OF ATTACHMENTS TO PORTABLE BUILDINGS

Reference – WorkSafe Standards Alert, Issued August 2001

Hazard Notification Royal Wolf Australia. Version 1 August 2016

Page 1 of 1

## PURPOSE

To advise builders, electrical contractors, electricians, other contractors and workers of the dangers associated with unauthorised drilling, nailing, screwing and fixing of attachments onto portable buildings

## BACKGROUND

- It has become common for builders, electricians and other contractors to carry out unauthorised fitting of attachments to portable buildings
- These attachments include power cable risers, walkway and roofing supports, extra power points, plumbing and communications connections, signs and appliances
- Driving screws, nails or other fixtures into portable building walls or ceilings can damage concealed wiring circuits and switchboards, as well as allow moisture to enter electrical circuits. Apart from damaging the waterproofing capacities of the building, this sort of interference may increase the risk of electric shock to contractors and portable building users

## SAFETY MEASURES

- Do not tamper with portable buildings by fitting attachments which puncture the walls or ceilings
- Where modifications are required on site, written authorisation must be obtained from Royal Wolf prior to modifications commencing

- The location of any live electrical wiring must be determined by a licensed electrician before work commences
- Where a cable riser is not supplied with the portable building, a separate and stable pole or post, installed in close proximity to the junction box, should be used
- A tripping residual current device (RCD) may be an indication of previous damage to internal wiring or circuits in the wall or ceiling of a portable building
- If an RCD keeps tripping, it should initially be tested by a licensed electrician to determine its serviceability. This should include a trip-in-time test
- Where an electrical circuit problem is detected, please contact Royal Wolf to arrange for repairs to be undertaken by a registered electrical contractor or licensed electrician who will issue a certificate of electrical safety on completion of the work and before electrical circuits are energised for use
- All power to the portable building should be disconnected using circuit breakers or RCDs until the circuit problem is rectified

## STANDARDS AUSTRALIA

- AS/NZS 3000, Wiring Rules
- AS 3001, Electrical Installations – Movable premises (including caravans) and their site installations

- AS/NZS 3012, Electrical Installations – Construction and demolition sites

## YOUR RESPONSIBILITY

If you are unsure about the capability or functions of this equipment, or are in doubt about how to use or maintain it correctly, please contact Royal Wolf and we can answer any questions in regards to the safe operations of this equipment.

## FAULTS AND ASSISTANCE

In the event you require assistance or believe any Royal Wolf equipment may be faulty, please contact Royal Wolf immediately.

For your nearest Royal Wolf branch call:

Australia 1300 037 686

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