

Work environment – **Outdoor environment**

15.03.05

# Electrical equipment and gas installations at markets and shows >

In order to comply with the [Workplace Health and Safety Regulations](#) and the [Dangerous Goods Regulations](#), stallholders must meet certain requirements at all markets and shows in the Northern Territory.

## Duty of care

The Workplace Health and Safety Regulations puts the duty of care jointly on the owner of the site, owner of the stall, owner of equipment and the user of the stall to meet these requirements. It is suggested that in order to meet these requirements the site owner may arrange for a Licenced Electrician and a Licenced Gasfitter to inspect all installations. The cost of these inspections may be shared by the stallholders, or included in the site fees.

## Electrical

- Electrical wiring, distribution boards, extension cords and domestic or industrial style power boards, installed to supply electricity to stalls and concessions for the duration of the event shall comply with the requirements of AS/NZS 3002.
- All electrical equipment supplied via an extension cord or power board must be protected by a Residual Current Device (RCD) otherwise known as a safety switch.
- All electrical equipment must be in a good, safe condition and have been inspected by a competent person. Only a licensed electrician can carry out repairs to equipment.
- Electrical equipment must be of an approved design that complies with Australian Standards. The use of homemade electrical equipment IS NOT acceptable.
- The site owner / operator may demand that all electrical equipment used in stalls and concessions be tested and tagged prior to use, in this case the testing must be undertaken by a competent person as per the requirements of AS/NZS 3760.
- Extension cords run at floor level in public traffic areas or access ways or suspended on stands shall be arranged so they do not obstruct persons walking in the vicinity.
- Domestic or industrial style power boards may be used in stalls and concessions provided each one is supplied directly from a power point (an extension cord may be used if the supply lead is not long enough to reach). Power boards must not be daisy chained i.e. supplying one power board from another.

putting safety first &gt;



## Gas

- All appliances, regulators, connectors and hoses must be of an approved design. Home made equipment can be dangerous and is not acceptable under the [Dangerous Goods Act](#) and Regulations unless it is approved.
- All connections must be wrench tight. Finger tight is not enough. Before operating appliances, all connections must be checked for tightness and leaks. The use of soapy water is the easiest method to check for leaks. See Figure 1.
- LP Gas cylinders must be tested every 10 years at an approved test centre. Gas cylinders over 10 years that have not been tested or have not passed must not be used.
- LP Gas cylinders must be located away from excessive heat.
- Where large gas cylinders are used, cylinders must be restrained to prevent them from falling over and other damage.
- All installations must be installed and repaired by a licensed gasfitter, who has a current Gasfitting Certificate issued by the Work Health Authority. Installations must have a gas compliance plate or certificate.
- The only work that can be carried out by a person who does not hold a current Northern Territory Gasfitting Certificate is the connection and disconnection of a gas cylinder to an appliance.

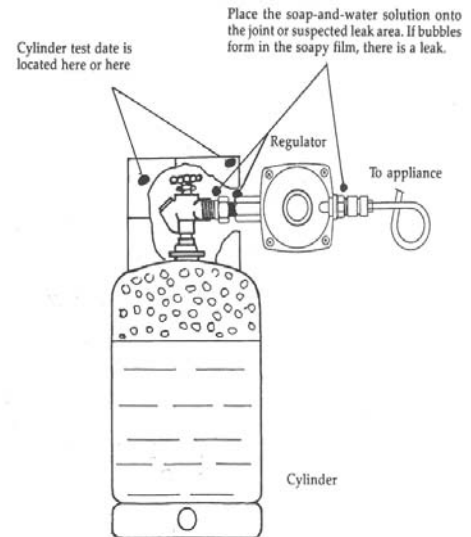


Figure 1

## Fire protection

NT Fire and Emergency Services recommend stalls using gas-fired appliances should have the following equipment:

- 1 x 2A:30B: (E) Dry Chemical Fire Extinguisher (1.5kg);
- 1 x Fire Blanket (for stalls with deep fryer facility).

## NT WorkSafe >

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