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RENT IT SAFELY: Propane Construction Heaters

As the user of a construction heater you must ensure the following:

- a) Maintenance of the construction heater and components is performed by a qualified gas fitter.
- b) The handling and operation of the construction heater and components is done by a person who has been trained and can present a valid Record of Training (ROT) certificate when applicable.
- c) A malfunctioning or damaged construction heater is immediately removed from service.

Construction heaters are to be installed on a solid, level, non-combustible base to minimize the danger of mechanical damage and upset.

Combustible material such as straw, canvas, wood, and debris is to be kept clear of a construction heater in accordance with the clearances specified on the heater's instruction plate.

A construction heater can only be installed in a building under construction, repair or improvement. **DO NOT install a propane construction heater in any inhabited dwelling unit or inhabited sections of a building.**

Never attempt to tie down, defeat or bypass the *Flame Safeguard* system on a construction heater. If the system is defective have the necessary components replaced.

Do not use a defective construction heater. Have defective construction heaters replaced, serviced or repaired by a qualified gas fitter.

If the heater is inadequate, obtain additional heaters or replace with a larger unit. **If the flame goes out, act with caution.**

- Shut off the fuel supply at the cylinder service valve.
- Determine if any propane has escaped, check low lying areas for odour.
- Do not smoke or turn on light switches.
- Test confined spaces for propane with a detection device.
- If escaped propane is detected or even suspected, ventilate and purge the area thoroughly before attempting to re-light the construction heater or torch.

Combustion and ventilation air must be provided. Adequate combustion and ventilation are the two key factors in preventing personal injuries from carbon monoxide poisoning. Lack of air for combustion can also result in extinguishing of the burner flame. Follow the manufacturer's instructions to provide adequate combustion and ventilation air to the work site. Remember, all of the products of combustion as well as heated air are being put into your work space. Recycled products of combustion will create carbon monoxide. Construction heaters should be placed so as not to readily recycle the products of combustion from each other.

A propane torch intended for manual operation must not be left unattended while in operation.

If you need a propane torch for unattended use, the torch must be equipped with a flame safeguard system (BASO valve and thermocouple).

If a propane torch is not equipped with a flame safeguard system, it will continue to disperse propane into the atmosphere if the flame is extinguished for any reason until the fuel supply either runs out or is shut off.

By signing the Rental Agreement the Renter acknowledges receipt of equipment in good working condition and repair and declares that the Renter fully understands its proper operation and use. **The Renter also agrees to have read and fully understood all of the above.**

The guidelines, tips and instructions contained in the RENT IT SAFELY instruction sheet are common-sense suggestions designed to promote equipment safety and efficiency. Compiled from literature of leading experts in the field, they are believed to be reliable, and are offered as suggestions and illustrations to deal principally with common practices and conditions encountered in the use of rental equipment. The guidelines are not intended to be all-inclusive, complete descriptions of safe practices, nor to supplant or replace other additional precautionary measures to cover usual or unusual conditions or situations where common sense might dictate something else. Accordingly, Rentshop and its agents disclaim all liability for and make no warranty or guarantee of the accuracy or applicability of these instructions in any situation. Check www.rentshopinc.com for additional resources. Always refer to the OEM operators manual.

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