

# Jamboree Information Guide for Troop Leaders and Staff

## Section 6

### Gas

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The online publication of the Jamboree Information Guide is under the authority of the 23rd Aotearoa New Zealand Scout Jamboree – Jamboree Leadership Team (JLT).

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## Gas Appliances

We recommend that all Scouts and Adult Leaders be competent in cooking with LPG and Butane.

LPG and Butane Gas are the only approved cooking methods on Troop sites. No other fuels will be used. Follow the link for an example of a butane cooker with a self-sealing butane canister. For more information, please click on the link below.

<https://www.mitre10.co.nz/shop/kiwi-camping-butane-camping-stove-double-burner-17-000-btu-black/p/233546>

**Adult Leaders must ensure the correct fuel is used with the right appliance.**

Gas or solar water heating is the only approved method on Troop sites.

## Transportation of Gas and Other Fuels

Check relevant regulations on the transport of gas and other fuels. All personal gas bottles (i.e. not hired) must be removed from the Jamboree site at the end of the Jamboree.

**When transporting Hazardous Goods, ensure that you comply with the appropriate regulations.**

## Safety Requirements

The cooking area must be of a safe design with appliances away from the sides and roof of the tent or marquee.

All gas cookers must be secured to the table that they are placed on. The legs of the cooking tables must be secured to the tabletop. These requirements are to prevent the cookers from falling off the table.

It is recommended that all Troops bring adequate spare parts for their gas cooking systems in case of failure or damage.

- All systems must be checked and serviceable before Jamboree.
- All gas fittings and hoses must be checked daily for leaks (using soapy water or a leak detection solution).
- All gas fittings, hoses and appliances must comply with New Zealand standards.
- **All gas bottles must be within their TEST date (10 years).**

- Persons connecting and disconnecting any gas bottles/canisters must be deemed competent and follow all safety recommendations for the type of gas bottle/canister.
- All gas bottles must be kept upright and secured to a fixed structure to prevent them from being knocked over or falling in an earthquake.
- All gas bottles and fuel must be stored in a safe position and **NOT** be stored in sleeping areas.
- There must be adequate separation and heat-resistant material between any gas cooker and the tabletop the cooker is placed on so as not to burn or melt the table.

The maximum size of gas bottles permitted on the Jamboree site is 9kg.

There is a maximum of **five** 9kg gas bottles per Troop site.

There is a maximum of 20 butane 220g gas canisters per troop site.

## Inspection of Gas Appliances

A competent tradesperson or other authority must inspect all gas appliances before the Jamboree.

Please check the safety recall notice if you have a Campmaster or Wild Country Dual Burner Butane stove. For more information, please click on the link below.

<https://www.fireandemergency.nz/assets/Documents/Files/Campmaster-and-Wildcountry-Dual-burner-Butane-Stove-Recall-Notification.pdf>

## Gas Bottle Hire and Bottle Swap

There will be no Gas Depot as such at this Jamboree. Instead, a truck will deliver the gas bottles. Some 225 bottles will be delivered on Saturday, 30 December (Day 1) of the Jamboree, enough for three bottles per Troop. The truck will return to the Jamboree site on Monday, 1 January, Wednesday, 3 January and Friday, 5 January, to **swap bottles**.

No deposit will be required, but Troops will need to “buy” their gas bottles at The Hub.

On the last day of the Jamboree, all the gas bottles are to be returned to the site of the gas delivery truck. **Note:** The Troop’s account must be fully paid before leaving the site.

All Troops using the Jamboree-hired 9 kg gas bottles must ensure they bring the appropriate adapters and tools for connecting to these bottles.

**Please refer to The Hub for more information about the supplies and swapping gas bottles.**

## General Safety Rules and Regulations

The Safety and Risk Team will communicate the general safety rules that the Team will enforce to all participants.

### HOW TO SAFELY USE A BUTANE GAS CANISTER

Like other bottled gas, you must take safety precautions when using butane gas canisters.

#### SAFE STORAGE:

Butane gas canisters should be stored out of direct sunlight in a cool, well-ventilated space away from consumables.

Ensure storage is in a well-ventilated space away from flammable liquids, aerosols, sparks, open flames and hot surfaces.

After use, remove the gas canister from the stove. Cap the valve of the canister and store it in a cool, well-ventilated area. Do this even if the canister is empty. Do not store your canister inside or attached to your stove.

#### SECURE TRANSPORTATION:

Keep canisters upright in a storage container and with the lid securely in place.

Ensure gas canisters are kept out of direct sunlight during transit.

Never dispose of empty canisters by throwing them in the fire. They may not be empty and will explode. Respect the outdoors. Pack out what you pack in.

#### SAFE CANISTER USAGE:

Always read the manufacturer's instructions before using butane products according to the manufacturer's standards.

Butane gas stoves should not be used indoors or in confined spaces. Ensure that you are in a well-ventilated area and have adequate airflow over the top and sides of the unit.

Take precautions to avoid inhaling butane for cooking, heating or lighting.

Take caution when using butane fuel in windy conditions, as burners can blow out.

When using pots or pans, do not use one larger than indicated in the manufacturer's instruction manual. They will concentrate heat backwards towards the butane canister, causing it to overheat. Gasmate 220gm canisters are fitted with twin safety devices - Triple Seam Seal (TSR) and Rim Vent Release (RVR)- that will activate in an over-pressure situation to release the built-up pressure safely. Learn more about butane canister safety features [here](#).

Butane stoves should not be operated for longer than what is recommended by the manufacturer. Check your manual for these recommendations.

If you have a butane fire, do not try to extinguish a butane-caused fire until the source of the gas can be turned off.

Avoid leaving a lit stove unattended or placed near flammable items during use.

If you smell a gas leak, put out all the flames and turn off the stove immediately. Do not use appliances if they give off a smell, as this indicates leaking gas or emissions linked to carbon monoxide poisoning.

If your appliance is malfunctioning – stop using it.

**All instructions from the Safety and Risk Team  
must be complied with.**

**SAFER SCOUTING - IT'S WHAT WE DO!**