

Jamboree Information Guide for Troop Leaders and Staff

Section 6

Gas

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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 method of cooking on troop sites, no other fuels are to be used. Follow the link for an example of a butane cooker that has self sealing butane canister. 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 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 table top the cooker is placed on as to not 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 Jamboree.

Please check the safety recall notice if you have a Campmaster or Wild Country Dual Burner Butane stove. 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 Refilling

Each Troop will be able to hire and refill 9 kg gas bottles. These gas bottles can be collected from the gas depot upon arrival at the Jamboree.

The cost of the bottles picked up will be charged to the Troop's account. The bottles can then be swapped for full bottles as required.

On the last day of the Jamboree, all the gas bottles are to be returned to the gas depot, and a credit will be passed to the Jamboree Troop account.

The balance in the account should then be the cost of gas used during the Jamboree.

Note: The Troop's account must be paid in full 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.

General Safety Rules and Regulations

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

HOW TO SAFELY USE A BUTANE GAS CANISTER

Similar to other bottled gas, it is essential you take the necessary safety precautions when using butane gas canisters.

SAFE STORAGE:

Butane gas canisters should be stored out of direct sunlight in a cool area, 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 in a cool area, 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 completely empty and will explode. Respect the outdoors, pack out what you pack in.

SAFE CANISTER USAGE:

Always read the manufacturer's instructions before use and use 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 air flow over the top and sides of the unit.

Take precautions to avoid inhaling butane when using it 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 that is 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 safely release the pressure built up. Learn more about butane canister safety features here.

Butane stove 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 are giving 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!