

Canadian Birkebeiner Society

Safe Practice Implementation Protocol #005 Using Portable Propane Stoves

Note: Overall guidelines for supervisor and workers responsibilities for SPIP development and implementation are presented in the introduction to Appendix II of the CBS HEM Manual.

Scope:

This SPIP ensures that all CBS workers using portable propane heaters are aware of the hazards involved and are familiar with the manufacturer's instructions. All volunteers should use appropriate personal protective equipment (PPE).

Required PPE:

Recommended PPE: Heat resistant gloves when handling hot vessels on the stoves.

Equipment required: Portable Propane Stoves from CBS inventory; Available fire extinguisher.

General Procedures: Refer to manufacturer's specifications and details below for the use of portable stoves.

Warnings:

FOR OUTDOOR USE ONLY

IF YOU SMELL GAS OR HEAR HISSING OF GAS ESCAPING, shut off and disconnect propane tank from stove. Extinguish any open flame. If odour or hissing continues, call for assistance.

OPERATING INSTRUCTIONS:

Attach legs to frame. Hand tighten the thumb screws.
Stand stove upright on solid level ground.
To level: Adjust leg height by loosening and retightening thumb screws.
Before attaching propane tank, make sure ALL valves are OFF.
Attach regulator to propane tank. Be careful to thread it on properly.

To Light Stove With Built-In Ignitor: Slowly and fully open propane tank. Turn burner valve to medium. Immediately use ignitor. Ignitor should spark and light the burner. If ignition does not occur in 5 seconds, turn burner OFF, wait 5 minutes and try again.

To Light Stove With Lighter or Match: Slowly and fully open propane tank. Place a lit long neck lighter or long match into round lighting hole at front of stove. If hole not

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present, carefully place lighter or match directly over the burner. Slowly turn on burner valve. If ignition does not occur in 5 seconds, turn burner OFF, wait 5 minutes and try again.

Flame should be blue with a hint of yellow. If flame is yellow, adjust air vent at burner knob.

Never leave stove unattended while in use or hot.

Do not put an empty pot on a hot stove.

Allow stove to completely cool before taking down

Key Do's and Don'ts

Do

- **USE WITH PROPANE ONLY**
- **Be familiar with the operating instructions provided**
- **Make sure a fire extinguisher is available at the work site**

Don't

- **LEAN OVER STOVE WHILE LIGHTING**
- **NEVER OPERATE WITHIN 3 M (10 FT) OF ANY STRUCTURE, COMBUSTIBLE MATERIAL OR OTHER GAS CYLINDER**
- **NEVER OPERATE WITHIN 7.5 M (25 FT) OF ANY FLAMMABLE LIQUID**