

# **GDL-009-1.1**

## **Fire Guidelines**

## Contents

1	Purpose, Scope and Use .....	3
2	Reference Documents .....	3
3	Fire and Personal Safety.....	3
4	Prohibited and Permitted Fires.....	3
4.1	General Camping .....	3
4.2	Theme Camp, Art Installation and Performance Areas .....	4
5	Candles and Tiki Torches .....	4
6	Burn Barrels .....	4
7	Gas Cookers and Barbeques.....	4
8	Gas Outdoor Heaters .....	5
9	Fire Performances.....	5
10	Art Installation Fires .....	5
11	Gas Flame Effects.....	5
12	Liquid Fuel Flame Effects.....	6
13	Mutant Vehicle Flame Effects .....	6
14	Pyrotechnics.....	6
15	Fuel and Hazardous Material Storage .....	6
16	JRC Fire Fighting Team .....	6

## 1 Purpose, Scope and Use

The purpose of this information is to facilitate the safe use of fire during the Blazing Swan event.

The contained information is an overview of the most common types of fires found within the Blazing Swan Event site and the controls in place to manage these fires.

Complete and detailed information on all fire activities at Blazing Swan can be found in the Fire Management Manual and Fire Management Plan.

## 2 Reference Documents

- Fire Management Manual
- Fire Management Plan

## 3 Fire and Personal Safety

At Blazing Swan Inc. we take your safety seriously and we want to ensure you remain safe around the various types of fires we have on site. When near burning structures, artworks, burn barrels, fire performances etc. please respect any perimeters or exclusion zones that have been put in place and always follow the directions of Rangers, JRC Fire Fighters and Safety Team Members. These people are there to ensure your safety and facilitate a fun and safe experience for all.

## 4 Prohibited and Permitted Fires

### 4.1 General Camping

#### Prohibited Fires

- Candles
- Tiki Torches
- Burn Barrels
- Ground fires, including fire pits or any style of camp fire
- Fire Performances - this includes fire spinning or performing of any kind
- Art Installation Fires
- Gas Flame Effects
- Liquid Fuel Flame Effects
- Mutant Vehicle Flame Effects
- Pyrotechnics

#### Permitted Fires – no Burn Permit required

- Gas Cookers (LPG, butane or propane)
- Barbeques (LPG only, not wood or coal)
- Gas Outdoor Heaters

All appliances must be used in accordance with the manufacturer's instructions.

Under no circumstances are heaters of any kind to be used inside tents or under marquees.

All fires must be supervised by a competent person at all times.

## 4.2 Theme Camp, Art Installation and Performance Areas

### Prohibited Fires

- Ground fires, including fire pits or any style of camp fire (unless part of an approved Art Installation)
- Liquid Fuel Flame Effects (Pressurised)

### Permitted Fires – Burn Permit required, see details below

- Candles
- Tiki Torches
- Burn Barrels
- Gas Cookers (LPG, butane or propane)
- Barbeques (LPG and coal)
- Gas Outdoor Heaters
- Fire Performances - this includes fire spinning or performing of any kind
- Art Installation Fires
- Gas Flame Effects
- Liquid Fuel Flame Effects (Unpressurised)
- Mutant Vehicle Flame Effects
- Pyrotechnics

All permitted fires are regulated by an application/permit process.

Please refer to the Fire Management Manual for full details.

## 5 Candles and Tiki Torches

These fires are small and may seem “safe” but candles and tiki torches can easily be knocked over and start much bigger fires. They may be used in Theme Camp areas but require a Burn Permit via the Fire Application Form on the Blazing Swan website.

## 6 Burn Barrels

Burn Barrels are above ground, wood burning structures. They may be a simple 44 gallon drum, shop bought (above ground) fire pit, or they may look more artistic and sculpted. The general purpose of Burn Barrels is to keep event participants warm at night. They are only permitted to burn wood, never rubbish.

Burn Barrels require a Burn Permit and must be inspected and approved on site before the Burn Permit can be issued. This is done by inspectors appointed by the Fire Lead. Burn Barrels may only be lit once they have been inspected and approved for use.

A Burn Barrel Application form must be submitted via the Blazing Swan website to apply for a Burn Barrel Burn Permit.

## 7 Gas Cookers and Barbeques

A standard, off-the-shelf, gas stove, camping cooker or barbeque does not require a Burn Permit. However, these appliances must be used in accordance with the manufacturer’s instructions.

If a gas cooker, barbeque or some other cooking/roasting/toasting/reheating device, has been modified from standard, or self-built, it needs to go through the Fire Application process and requires a Burn Permit to be issued before it can be used.

## 8 Gas Outdoor Heaters

“Gas Outdoor Heaters” refers to standard, off-the-shelf, heaters sold at hardware and camping stores, designed to be used outdoors to generate heat. These are permitted throughout the event site but must be used in accordance with manufacturer’s instructions. They are NOT permitted to be used inside any structures or on vehicles.

A Burn Permit is not needed for a standard, off-the-shelf, gas outdoor heater.

## 9 Fire Performances

Fire performances of any kind are not permitted in General Camping areas and require a Burn Permit in Theme Camp areas.

Fire performances refer to any acts or performances done by individuals or groups that involve fire in any way. This is commonly seen as fire spinning at Blazing Swan but can include fire as part of a stage act in a theme camp, or fire as part of a workshop.

Fire spinning spaces are permitted at any theme camp which can create a safe space as per the Fire Management Manual. Theme Camps that would like to create a fire spinning space at their camp (where performers can come and spin fire any evening), need to email [fire@blazingswan.com.au](mailto:fire@blazingswan.com.au) to receive the necessary information to create a safe fire spinning space.

Additionally, Fire Tribe theme camp will run a nightly fire spinning space open to all fire folk at Blazing Swan. Recosol G fire fuel and all safety equipment will be provided. Participants need to bring their own fire spinning props and wear suitable clothing.

## 10 Art Installation Fires

If an art installation intends to incorporate fire in any way, or if it’s to be burnt at any stage during the Blazing Swan event, the artist must submit this information for assessment as part of their Blazing Swan Art Installation Application. This information must come in the form of a Burn Plan and Ignition Plan. These plans will then be assessed by the Art Lead and JRC Fire Chief with potential changes and recommendations required before the art installation may be erected on site.

The final incarnation of the Art Installation must then be assessed on site for compliance before a Burn Permit is issued.

## 11 Gas Flame Effects

Gas Flame Effects are devices that use pressurised LPG (Liquefied Petroleum Gas), Butane or Propane to make visible fire, either in the form of a constant, consistent flame (aka Static Gas Flame Effects), or big bursts (aka Dynamic Gas Flame Effects).

These devices are permitted at the Blazing Swan event but must be inspected and certified for use by an Independent Gas Inspector before they are permitted on the event site. This is to ensure they are safely built and compliant with Class B Gas Appliance legislation and built to the relevant Australian Standards.

Gas Flame Effects applications must be submitted via the Fire Application Form on the Blazing Swan website to be considered for a Burn Permit.

## 12 Liquid Fuel Flame Effects

“Liquid Fuel Flame Effects” refers to flame effects created from the burning of a liquid fuel source.

At Blazing Swan we make the distinction between “Pressurised” and “Unpressurised” Liquid Fuel Flame Effects. Pressurised effects are banned from the event, whereas Unpressurised effects are permitted.

Pressurised Gas Flame Effects covers flame effects where a liquid fuel is expelled from a pressure vessel, resulting in burning liquid fuel being emitted into the air. Unpressurised Gas Flame Effects are ones where liquid fuel is contained within a vessel and burns either with some form of wick (e.g. tiki torch or similar) or some fuels burn without a wick.

Liquid fuel can be used to create beautiful and interesting flame effects but must be carefully managed. Liquid Fuel Flame Effect must submit a Fire Application Form and require a Burn Permit.

## 13 Mutant Vehicle Flame Effects

“Mutant Vehicle Flame Effects” refers to fire of any kind on a vehicle. This includes but is not limited to; gas flame effects, liquid fuel flame effects, blow torches, tiki lights, fire spinning etc Basically, if it burns in any way and is to be put on a vehicle of any kind, it needs to apply for a Burn Permit via the Fire Application Form.

## 14 Pyrotechnics

Pyrotechnics and fireworks at Blazing Swan may only be used/fired/operated by the licensed pyrotechnics contractor approved by Blazing Swan Inc. and appropriately licensed pyrotechnics operators working under that contractor.

Any pyrotechnics or fireworks which are used/fired/operated by anyone other than the approved contractor and their appropriately licensed pyrotechnics operators are illegal and not permitted at the event.

Licensed pyrotechnics operators wishing to use/fire/operate pyrotechnics or fireworks at Blazing Swan, must submit a Fire Application Form and receive a Burn Permit before being allowed to operate on site.

## 15 Fuel and Hazardous Material Storage

Storage of hazardous or combustible materials (e.g. gas bottles, liquid fuel) should be planned before arriving at the event.

All fuel and flammable materials should be secured in appropriate containers, clearly marked, stored in a safe and secure area, located a minimum of 15m away from any open flame (this includes smoking).

Event patrons which submit a Fire Application Form for a Burn Permit will be given information on safe Fuel and Hazardous Material storage while at Blazing Swan.

## 16 JRC Fire Fighting Team

The JRC Fire Fighters will manage fire safety during the event. The purpose of this team is to provide operational response capability for the protection of life, property and the environment. This team will include 2 experienced fire fighters on duty per shift and a minimum of 2 Fire Response Units on site, manned 24/7. The team will continually monitor fire danger and weather conditions, as well as responding to incidents as necessary. ABE fire extinguishers will also be provided throughout the event.

## Document control

Document number:	GDL_009
Version:	1.1
Created by:	Hana Priest
Date of version:	27 January 2020
Approved by:	Sharon Banks
Next review date:	27 January 2021

## Record of Review/Changes

Date:	Version	Details of change	Author
10 Jan 2020	C	Issued for Review	Hana Priest
14 Jan 2020	1	Issued for Use	Hana Priest
27 Jan 2020	1.1	Terminology update of DFES to JRC Fire Fighters	

## Definitions

Term	Definition
JRC Fire Fighters	Jilakin Rock City Fire Fighters
Mutant Vehicle	A vehicle that has been "Mutated" away from its original form into an artistic masterpiece on wheels.
Recosol G	A very low odour solvent