

# Burning Man Art Installation Questionnaire 2011

Thanks for wanting to create art for Burning Man. We welcome your contribution and encourage the artistic expression of all participants! And remember, the artwork at Burning Man does not necessarily have to be related to our annual art theme.

The Online Questionnaire Process for this year is closed. BUT you can still bring your art to Burning Man. Please following the guidelines below.

Every year the questionnaire is updated to reflect the changes in the information that is necessary to fully support the art installation process.

## Art Questionnaire Process:

- 1) **Fill out the questionnaire to the best of your ability.**
  - **If you have the ability to type within this PDF then please answer the questions that way.**
  - **If not print out this questionnaire and manually write out the answers. OR if you like you can answer the questions in a separate document as long as you number your answers.**
- 2) **Create a Diagram/Drawing** To complement your project description, please create a diagram or drawing of your project. This can be as simple or complex as you need it to be; the goal is to help the Art Department fully understand what is being created, so we can support your art installation. If your artwork utilizes fire in any way you will be asked to submit further documentation.
- 3)
- 4) **Bring the complete Questionnaire, Diagrams/Drawings and all supporting documents to the ARTery in Black Rock City**

**Please make sure you have read the following information, which may be found on the web site:**

- [Securing Artwork](#)
- [Playa Protection & Burn Scar Prevention](#)
- [Creating Dangerous Art Safely](#)
- [Lighting Your Art Installation](#)
- [Greening Your Art](#)

## Fire Art

If you are utilizing fire as part of your artwork then you must read the following information that can also be found on the web site.

- Flame Effects Fire Safety Agreement
- Open Fire Safety Agreement
- Pyrotechnics Fire Safety Agreement
- Fire Safety Agreement: Fuel and Hazard Materials Storage

Questions can be sent to [installations@burningman.com](mailto:installations@burningman.com) Until August 1<sup>st</sup>, after that all questions will need to wait until you arrive in Black Rock City.

Thanks, and see you on the playa.

# Art Installation Questionnaire 2010

## *Project Type*

1. Art Installation / Project Name - What is your art installation/project called?

2. Art Installation Creator - Name of the person(s) who is creating this art installation, if different from the person filling out this questionnaire.

3. Associated With Theme Camp - Is your art installation associated with a theme camp?

- Yes  
 No

4. Theme Camp Association - If so, with which theme camp is your art installation associated?

## **Visual Details**

5. Physical Description of Art Installation - Please describe as clearly as you can, in as much detail as you need, what your art installation represents. What is the visual impact? If it's interactive, how will Burning Man participants interact with it? Are recycled/repurposed materials being used? If you are utilizing fire in any way, we will be asking for more details related to the fire later in this questionnaire.

6. Project Footprint: Please estimate the physical dimensions of your piece (width X length X height).

7. Scaffolding or structure over 15 feet high - Artwork must be sufficiently secured against high winds (up to 60 miles per hour) and intense weather conditions that often arise on the playa. (Note: if guy wires are necessary to the construction they must be flagged and lit at night.) Is your project over 15 feet high?

Yes No

8. Holes dug in the playa - To prevent irreparable environmental damage, and as part of our Event Stipulations, holes dug in the playa may NOT be any larger than 3 cubic feet (either 1 foot wide by 3 feet deep, OR 3 feet wide by 1 foot deep). The reason for this is that larger holes, when refilled, will become either a high spot or a low spot after the winter rains. This causes a hazard to vehicle traffic and can create dunes. For larger holes, we require you collect the displaced playa dirt and pack it back into the hole after de-installation. Are you planning on digging holes in the playa?

Yes No

9. Interference with nearby art? Are there any aspects or components to your installation or project which could possibly interfere with other nearby art, such as bright lights OR loud sound, etc?

Yes No

10. Interference Detail - If answering yes to the above question, please describe:

11. Quiet Area Requirement - Are you in need of a quiet area for your artwork?

Yes No

12. Dark Area Requirement - Are you in need of a dark area for your artwork?

Yes No

13. If you are requiring a dark and/or quiet environment, how much space surrounding your artwork would you need?

Yes No

### ***Illumination and Power***

14. Illumination Details - The playa can be a very dark environment. During the project's construction and the event, how will your project and perimeter be illuminated to insure that it (and any rebar or guy wires) will be seen at night, and not get run over by vehicles or bicycles? Deep cycle batteries work well for power sources. **SUGGESTION FOR LIGHTING - LED, EL Wire, Solar, Battery Powered, Wind, Blinking Lights.**

15. Energy Requirements - What are the energy requirements for lighting and running your art installation?  
Example on how to calculate fuel usage for generators or other fuel consuming devices:  
Generator fuel usage per hour X number of hours generator will be run per day X number of days  
generator will be run = gallon of fuel needed to make it through the event.

***Describe how the energy to light your art will be generated***

16. Alternative Power Source

Which, if any of the following features will your project include? Please check all that apply.

- Human
- Solar
- Wind

17. Batteries

What kind and how many batteries will you be using for your art installation?

18. Generator Powered - Will your installation be generator powered?

Yes      No

19. Number Of Generators - How many (if any) generators will you require for your art installation?

- None
- 1 - 3
- 4 or more

20. Fuel - What kind of fuel will you need to power your generator?

- Bio Diesel
- Ethanol
- Gasoline
- Diesel

- Other
- None

21. Other Sources - Are you powering your art by something other than the above sources?

Yes      No

22. Other Power - If you answered yes, please explain what other power source you will be using

23. Fuel Storage - How much fuel will you be storing? For the safety of our event, we are asking anyone storing 21 or more liquid gallons to fill out the last question on this page: Combustibles Fuel and Hazardous Material Storage. (This information is for fire prevention only and is confidential.)

- None
- 1-20 Gal.
- 21 or more Gal.

***Leave No Trace***

24. Leave No Trace Plan

Whether you plan to burn your project or not, please describe IN DETAIL your plan to Leave No Trace after de-installing your art. How will you protect the playa from damage? Ensure that your artwork will not leave litter? Explain how you will tear down, clean up and restore the playa to its original condition when you first arrived.

25. Recycle Materials - If you are not burning your project, will your materials be recycled, reused or repurposed? Explain.

***Diagram***

**Diagram/Drawing**

To complement your project description, please create a diagram or drawing of your project. This

can be as simple or complex as you need it to be; the goal is to help the Art Department fully understand what you are creating.

***Special Needs***

26. Building A Stage - Are you building a stage?

Yes      No

27. Stage Placement and Construction - If you are building a stage, please describe the materials used in the construction (metal frame, wood frame). Where will the stage be located in relation to your project? Is the stage included in your footprint noted above? Please note live music and dj performances are not allowed at the open playa.

28. Sound Amplification - Will your project have sound amplification?

Yes      No

29. Description - If so, please describe.

30. Special Needs - Please share any necessary additional information.

***Burning Questions - Flame Classifications***

Please read the following Flame Classification Definitions carefully and choose the category that best describes the primary fire type your artwork uses, before answering the questions that follow.

Answering yes to any of the following questions requires that you read and agree to the associated guidelines found in the Fire Safety Agreement section of this questionnaire.

**FLAME EFFECTS DEFINITION**

Any artwork that incorporates flames that are automated, switched, pressurized or having any other action than simply being lit on fire. This includes projects that use propane or liquid fuels.

**OPEN FIRE DEFINITION**

DIFFERENT LEVELS OF OPEN FIRE will require different safety procedures.

LEVEL ONE - Art Installation when fully engulfed in flames, producing a tremendous amount of heat, requires a Burn Shield Platform and may or may not require a safety perimeter. This artwork may or may not require Ranger support. A burn laminate WILL be needed for this level.

LEVEL TWO (Small Enclosed Fire) candles, torches, lanterns, fire barrels, raised container - Precautions must be taken to make sure that anything that should Not be set on fire is kept away from flame. For example: fabric, sets, etc. As long as all fire is kept within an enclosed vessel there is no need for a Burn Shield Platform or a Laminate.

LEVEL THREE - Art installation that is created in one location and is moved to an approved Burn Shield Platform for burning. The artwork could be burned after the Man has been set on fire OR at one of the public burn platforms along the Esplanade, depending on the most favorable schedule. A burn Laminate will not be needed for this level.

**PYROTECHNICS (FIREWORKS) DEFINITION**

Burning Man's definition of pyrotechnics includes any explosives, projectiles or fireworks.

**ALL PYROTECHNIC SPECIAL EFFECTS MATERIAL USED IN ANY ART INSTALLATION OR PERFORMANCE MUST CONSIST OF CONSUMER [1.4G CLASS C, UN0336] FIREWORKS OR LESS.**

**Absolutely NO DISPLAY [1.3G CLASS B, UN0335] FIREWORKS (Professional Fireworks) Or Higher Will Be Permitted At Any Art Installation Or Performance.**

Please indicate all of the types of flame classifications; according to the definitions above, your project will incorporate:

31. Primary Flame Type - Please indicate the **primary flame type** (i.e. to be used for the most time during the event) that your artwork will incorporate, according to the flame classification definitions above:

- Flame Effects
- Open Fire
- Pyrotechnic Materials
- None

32. Secondary Flame Type - Please indicate the **secondary flame type** (i.e. to be used for the second most often during the event) that your artwork will incorporate, according to the flame classification definitions above:

- Flame Effects
- Open Fire
- Pyrotechnic Materials
- None

33. Tertiary Flame Type - Please indicate the **tertiary flame type** (i.e. to be used for the third-most frequent time during the event) that your artwork will incorporate, according to the flame classification definitions above:

- Flame Effects
- Open Fire
- Pyrotechnic Materials
- None

34. Combustibles - Fuel and Hazardous Material Storage - Will you be **STORING HAZARDOUS MATERIALS** or any potentially dangerous combustibles, such as gasoline, kerosene, propane, oxygen, consumer fireworks, etc at your art installation? (This information is for fire prevention only and is confidential.)

Yes      No

**THANK YOU FOR FILLING OUT THE ART QUESTIONNAIRE**

If you are NOT incorporating fire in any way you are done with this questionnaire.  
IF you answered YES to any of the fire questions please continue answering the following flame questions and agreements.

IF you answered YES to Storing Hazardous Material (other than camp fuel) please continue filling out the following questionnaire and agreements.

The following documents are what you will be viewing in this order.

- Flame Effects Fire Safety Agreement
- Open Fire Safety Agreement
- Pyrotechnics Fire Safety Agreement
- Fuel and Hazard Materials Storage
- Fire Art Questionnaire



## **Fire Safety Agreement: Flame Effects**

**You must fill out a fire agreement for each type of fire classification identified in your art questionnaire. These agreements may not show up in order of primary, secondary and tertiary, but all three will be served to you for review and agreement.**

Since you indicate that you will be incorporating Flame Effects in your artwork, you must read and consent to the following Flame Effects Safety Agreement before continuing on to your Fire Questionnaire. This information is designed to promote the safe execution of Flame Effects at Burning Man, whether you create a regularly repeated event or a single fire.

### **FLAME EFFECTS DEFINITION**

All flames that are automated, switched, pressurized or having any action other than simply being lit on fire; as well as projects using propane or liquid fuels.

### **SAFETY RESPONSIBILITY FOR FLAME EFFECTS ART**

All artists and their crews are responsible for their own art. Because of the dangerous nature of Flame Effects no one may display, exhibit, or discharge any flames that are automated, switched, or pressurized, without the authorization of the Fire Art Safety Team, this specifically includes all projects using propane or liquid fuels. Responsibility includes verification by testing that an art installation or performance will not endanger participants, art crew or members of the Fire Art Safety Team.

### **FIRE ART SAFETY TEAM**

Burning Man has developed a Fire Art Safety Team (FAST) that will assist you in the safe execution of Open Fire, Flame Effects, and/or Pyrotechnic art installations. The Fire Art Safety Team brings Artists, Fire Safety Personnel and Industry Professionals together with the aim to communicate with and provide experienced support for artists, both pre-event and on-site, and to ensure the safe use of fire and pyrotechnics at the Burning Man event. This team consists of a Fire Art Safety Coordinator, Emergency Services Dept., Fire Rescue Branch Chief, two Licensed Pyrotechnicians, Ranger Liaison and various advisors. Take advantage of the knowledge that this team has to offer, for they are here to assist you.

Our agreements with the federal government are in the form of event stipulations. For public safety reasons, artwork utilizing Open Fire, Flame Effects and/or Pyrotechnic, require approval in the form of a laminate (license). Fire Art Safety Team will issue the appropriate laminate once the artwork has been approved. The multiple step process for approval is not to bog down the artist but to assure that all safety regulations have been adhered to.

The Fire Art Safety Team and outside authorities, which include law enforcement, retain jurisdiction over all flame classifications. They have the right to request to see the laminate and if not presented can override, stop, alter, or cancel any artwork or performance with just cause. They have access to all areas of the artwork or performance at all times.

In order for the Fire Art Safety Team to perform this function, the team requires that you conform to the following guidelines:

- **ART INSTALLATION PROCEDURE**
- **FLAME EFFECTS SCENARIO & DIAGRAMS**
- **SAFETY GUIDELINES**
- **FIRE EXTINGUISHER NOTES**
- **FIRST AID**
- **LEAVE NO TRACE**

### **ART INSTALLATION PROCEDURE**

- Please bring the Questionnaire, diagram of the art installation, Flame Effects Scenario, Diagrams, and Leave No Trace Plan with you to Black Rock City..

- Once you have checked in with the ARTery in Center Camp a dialog with a member of the Fire Art Safety Team will take place.

**FLAME EFFECTS SCENARIO** - To better assist you with your artwork we need to know, in great detail, everything about your project. Be as clear and concise as possible, even though you may have described your project in an earlier question. The Flame Effects Scenario must include how the fuels and materials will be supplied to your project. Please include details regarding hoses, pumps, pressures, wicking etc.

**DIAGRAMS** - Supply all relevant Diagrams/Schematics for the following:

- **BASE CAMP SETUP**
  - Location of extra tanks not in use
  - Fire extinguisher location
  - Extra fuel storage
- **INSTALLATION AREA**
  - **Fuel Location & Supply:** Location of artwork in relationship to fuel tanks, showing fuel lines and tanks in relationship to flame source
  - **Protection from vehicle traffic & Lighting:** how the tank(s) will be shielded from vehicle traffic and illuminated at night.
  - **Perimeter Safety Zones:** Show where the artwork stands in relationship to where participants/audience will be, if performers are involved. Show how these distances were determined.
  - **Fire Extinguishers:** Types and locations

## **SAFETY GUIDELINES**

### **FIRE SAFETY LIAISON**

Knowledgeable representative of the art installation or performance shall serve as the Fire Safety Liaison, who is responsible for the exchange of information about the art installation to the Fire Art Safety Team. Please indicate if this liaison is someone different than the person filling out the questionnaire. This liaison will maintain communication of all aspects of the artwork pre-playa and during the event, such as:

- Scenario
- Diagrams
- Performance Schedule
- Safety Plan
- Emergency Plan of Action during the use of the Flame Effects art. The "Artist" registering the artwork and the "Fire Safety Liaison" can be the same person or two different people.

**On-Playa** - For the artwork to receive approval, the Fire Safety Liaison must arrange for a meeting with a member of the Fire Art Safety Team for a technical walk-through meeting at the art installation site the day the artwork is ready to be fired. This can be arranged after checking in at the ARTery. If the artwork has not been approved a laminate will NOT be issued. If the pre-meeting is missed by Liaison, Artist will not be allowed to operate the Flame Effects art.

Pursuant to Burning Man event permit stipulations with the Bureau of Land Management; all flame classification artwork must be approved through the process of a license (laminate), which must be worn by the artist that is taking responsibility for the artwork, to operate artwork.

### **EMERGENCY PLAN OF ACTION**

Any artist and their crew using Flame Effects must develop an emergency plan of action. If an art installation or performance has received approval and has been scheduled, this emergency plan of action shall be submitted to the Fire Art Safety Team prior to the performance.

**Material Safety Data Sheets** (MSDS) for hazardous chemicals must be supplied and kept on site.

**All Safety Concerns** shall be considered and addressed by artists or performers and the Fire Art Safety Team to ensure a safe show.

#### **FLAME EFFECTS PERFORMANCE SCHEDULE**

Performance schedule can be either a single performance or a series of nightly occurrences during the week of the Burning Man event. Never start a performance until all performers, safety team members and participants are in place and ready.

**DAILY SAFETY CHECK** A daily safety check of all fuels, materials, hoses, pumps, wicking, pressure of tanks, etc. will be mandatory before the daily or nightly art installation / performance begins. If a safety hazard has been identified, the Fire Safety Liaison will halt the art installation / performance until such safety matters are taken care of to the satisfaction of the Fire Art Safety Team.

#### **NO SMOKING OR OPEN FLAME**

**ABSOLUTELY** no smoking within 25 feet of any location of fuel, flammable liquids, hazardous materials or anything potentially dangerous. All fuel and flammables shall be secured in approved containers, stored in a safe and secure area located a minimum of 50 feet from any open flame.

**Fuel tanks on the open playa must be protected** from vehicle traffic and be well lit at night.

**Fuel containers shall be labeled** with the Artist name, Artwork, the material and quantity of material in the containers.

#### **SAFETY PERIMETERS**

An appropriate audience safety perimeter and performer's safety zone shall be set well in advance of the performance and approved by the Fire Art Safety Team. Because of the variety of artwork that incorporates Flame Effects, a member of the Fire Art Safety Team will help advise on the correct perimeter distance.

- No Flame Effects shall be used within the city or camping areas.
- All Special Effects operators and assistants must be 21 years of age or older and be trained in the use of fire extinguishers.
- Operators and assistants shall wear fire resistant clothing during the performances.
- Only people familiar with the safety considerations and hazards involved are permitted to do fuel loading. Wearing personal safety gear (glasses, gloves, etc.) during fuel loading is required.
- No carelessness, negligence, or unsafe conditions with Flame Effects shall be tolerated.
- Do not drink, take drugs, or smoke when working with Flame Effects.

#### **EXAMPLES OF FLAMMABLE MATERIALS**

- Combustibles: Wood, bamboo, straw, hay, cloth, etc.
- Flammable Liquids: Gasoline, kerosene, etc.
- Compressed Gasses: Propane, oxygen, etc.
- Pyrotechnics: Consumer fireworks

#### **FIRE EXTINGUISHER NOTES**

The Artist and performance liaison agree to have a **Dry Chemical Fire Extinguisher** available in case of accidental fire with any Flame Effects art installation.

Not all fire extinguishers work for fighting all fires. Fire extinguisher rated for the specific fuel in use must remain available at the site of art or performance with flame effects for response to accidental fire. A wet blanket or towel must be available for response to accidental burn to a person (e.g., smothering the fire on the face of a fire breather) or to extinguish a prop.

Dry chemical extinguishers are required where fuel is stored, as they provide the best way to put out a fuel fire. They do make messes that must be cleaned up after use. Also, dry chemical extinguishers start to lose charge after a single discharge and must be serviced and refilled.

Water fire extinguishers are useful for putting out fires involving wood, paper, fabric, and performers' bodies. These extinguishers must never be used on liquid fuel fires, as they will spread the fire. Also water is a good conductor of electricity, so these extinguishers are a poor choice for electric fires.

CO2 (Carbon Dioxide) extinguishers are good responses to problems with fire props and electric fires. They leave no residue and can be used repeatedly until they run out. But they work for small fires only.

### **FIRST AID**

A basic first aid kit should be available and consist of the following items:

- non-petroleum-based burn cream or aloe vera gel
- several rolls of 100% cotton gauze and some large gauze pads
- a jug of water for flushing fuel.

Severe burns should be treated by Emergency Medical Services. Medical teams are available in Center Camp or in the plazas located at 3 and 9 o'clock in our city.

In case of fire, on a person's body or clothing, remember this rule: **Stop, Drop & Roll!** Many people have saved their own lives by dropping and rolling when their clothes caught fire.

- **STOP** Stop where you are DO NOT RUN!
- **DROP** Drop to the ground or to the floor and cover your face with your hands.
- **ROLL** Roll to put out the flames.

Cool a burn right away with water, and obtain medical help.

If you are near someone whose clothing catches on fire, be sure to stop him or her from running and make them **STOP, DROP and ROLL!**

### **LEAVE NO TRACE**

The Artist, fire safety liaison and performers are responsible for all clean up at the art installation / performance site after the Burning Man event. Think about **Playa Clean-Up** while you are creating your art. The area should be as clean as when you found it and must 'Leave No Trace'.

The Artist and fire safety liaison must carry 'Spill Clean-Up Material' (like a shovel, rake, metal garbage can, etc.) for accidental spillage of material.

If you have any questions, please email [flame-effects@burningman.com](mailto:flame-effects@burningman.com).

**I Have Read And Understand The Flame Effects Fire Safety Agreement Information And Accept Its Conditions**

## **Fire Safety Agreement: Open Fire**

**Since you indicate that you will be incorporating Open Fire in your artwork, you must read and consent to the following Open Fire Safety Agreement before continuing on to your Fire Questionnaire. This information is designed to promote the safe execution of Open Fire at Burning Man, whether you create a regularly repeated event or a single fire.**

### **OPEN FIRE DEFINITIONS**

DIFFERENT LEVELS OF OPEN FIRE will mean different safety procedures will need to be adhered to.

**LEVEL 1** - An art installation, when fully engulfed in flames, produces a tremendous amount of heat, requiring a Burn Shield Platform. This project may also require a safety perimeter, as well as Ranger support.

**LEVEL 2** - (Small Enclosed Fire) candles, torches, lanterns, fire barrels, raised container - Precautions must be taken to make sure that anything that should not be set on fire is kept away from flame (e.g. fabric, sets, etc.) As long as all fire is kept within an enclosed vessel there is no need for a Burn Shield Platform or a Laminate.

**LEVEL 3** - Art installation created in one location is moved to an approved Burn Shield Platform for burning. The artwork could be burned after the Man has fallen OR at one of the public burn platforms along the Esplanade, depending on the most favorable schedule. A burn laminate will not be needed for this level.

### **SAFETY RESPONSIBILITY FOR OPEN FIRE ART**

All artists and their crews are responsible for their own art. Because of the dangerous nature of some Open Fire, no one may display, or set artwork on fire without the authorization of the Fire Art Safety Team. Responsibility of the artist includes gaining the agreement from the Fire Art Safety Team that an art installation or performance, which the artist will be creating, will not endanger the participants, art crew or members of the Fire Art Safety Team.

### **Fire Art Safety Team**

Burning Man has developed a Fire Art Safety Team (FAST) that will assist you in the safe execution of Open Fire, Flame Effects, and/or Pyrotechnic art installations. The Fire Art Safety Team brings Artists, Fire Safety Personnel and Industry Professionals together. The aim is to communicate with and provide experienced support for artists, both pre-event and on-site, to ensure the safe use of fire and pyrotechnics at the Burning Man event. This team consists of a Fire Art Safety Coordinator, Emergency Services Dept., Fire Rescue Branch Chief, two Licensed Pyrotechnicians, Ranger Liaison and various advisors. Take advantage of the knowledge that this team has to offer, for the team is here to assist you.

Our agreements with the federal government are in the form of event stipulations. For public safety reasons, artwork utilizing Open Fire, Flame Effects and/or Pyrotechnic, require approval in the form of a laminate (license). Fire Art Safety Team will issue the appropriate laminate once the artwork has been approved. The multiple step process for approval is not to bog down the artist but to assure that all safety regulations have been adhered to.

The Fire Art Safety Team and outside authorities, which include law enforcement, retain jurisdiction over all flame classifications. They have the right to request to see the laminate and if not presented can override, stop, alter, or cancel any artwork or performance with just cause. They have access to all areas of the artwork or performance at all times.

In order for the Fire Art Safety Team to perform this function, the team requires that you conform to the following guidelines:

- **ART INSTALLATION PROCEDURE**
- **PLAYA PROTECTION AND PROTECTING THE ENVIRONMENT**
- **SAFETY PERIMETERS**
- **LEAVE NO TRACE**

### **ART INSTALLATION PROCEDURE**

- Please bring all documents and diagrams with you to Black Rock City.
- Once you have checked in with the Art Department at the ARTery in Center Camp a dialog with a member of the Fire Art Safety Team will take place.
- Different levels of Open Fire will mean that different safety procedures will need to be adhered to.
  - **Level Two (Enclosed Fire)**- Precautions must be taken to make sure that anything that should not be set on fire is kept away from flame (e.g. fabric, sets, etc.) As long as all fire is kept within an enclosed vessel no Burn Shield Platform will be needed.
  - **Level Three** - Art installations can be moved or dismantled from the original placement. The artwork could be burned after the Man has fallen OR at one of the public burn platforms along the Esplanade, depending on the most favorable schedule. As long as the artwork is moved to an approved location no Burn Shield Platform will be needed.

### **LEVEL ONE OPEN FIRE**

**Art Installation when fully engulfed in flames and producing a tremendous amount of heat and requires a Burn Shield Platform.**

#### **Pre-Playa Conditional Clearance for Burning Artwork**

- **Fire Safety Liaison** - Your team must have a knowledgeable representative of the fire aspect of your art installation or performance and they shall serve as a Liaison, who is responsible for the exchange of information about the art installation to the Fire Art Safety Team. They will maintain communication of all aspects of the artwork during the event, such as: Art Installation Diagrams, Burn Shield Platform and Performance Schedule. The “Artist” registering the artwork and the “Fire Safety Liaison” can be the same person or two different people. Artists proposing projects with Open Fire must include plans for burn scar protection and clearly demonstrate the ability to follow through with those plans.
- Artists proposing projects with Open Fire must include plans for burn scar protection and clearly demonstrate the ability to follow through with those plans. The drawings will demonstrate how well the artist understands Burn Scar Prevention. A dialog will ensue as to whether the drawing will protect the playa and has Pre-Playa Approval. It will also be discussed whether a Perimeter and/or Ranger Support will be needed to ensure a safe burn.

#### **OPEN FIRE - LEVEL ONE ONLY**

- **First Part Approval** - The Burn Shield Platform must be inspected by the Fire Art Safety Team before the art installations is constructed upon the platform, this is to insure:
  1. Heat of the fire will not bake the playa surface.
  2. Smoke, ashes, and residue will not permeate the playa surface.

If approved by the Fire Art Safety Team the Artwork may be completed on top of the burn shield platform.

- **Second Part Approval** - The artwork will be allowed to burn as long as a meeting with the Fire Art Safety Team occurs where all the information related to the artwork is communicated. This must happen the day before burning. If needed an appropriate Perimeter and Fire Watch will be established the day of the burn.
- **Burn Event** - One member of the Fire Art Safety Team must be present before the Burn Laminate will be issued and the burn may proceed.
- **Weather Permitting** - All burns are subject to cancellation or rescheduling in the event of dangerous weather conditions. The FAST will work with you to try to meet your preferred burn time, but no guarantees are made.

- **If the Burn Shield Platform has NOT been approved**, the Artist understands and agrees that the art will not be burned. Violation of this Agreement by ignoring the guidelines and burning the Art, or anything, on the open playa, without prior approval will be cause for a \$1,000 fine from the Bureau of Land Management (BLM). No open flame shall be used within the city or camping areas without prior approval.

### **PLAYA PROTECTION AND PROTECTING THE ENVIRONMENT**

- The burning of any toxic materials is prohibited by law, which means stuffed furniture, rugs, or anything that contains synthetic and plastic materials that will release toxic fumes into the air.
- Avoid burning plastics and synthetics. You can burn nails, screws, or other steel fasteners used in the art installation, just clean them up.
- Remove or burn paint off metal before bringing it to the playa. Corrugated steel needs supports 2 feet apart to resist impact of walkers or heavy objects. Note also that aluminum exposed to moderately high heat will melt.

### **SAFETY PERIMETERS**

- An appropriate audience safety perimeter and performer's safety zone shall be set well in advance of the performance and approved by the Fire Art Safety Team:
  - 4 feet: Finger fire, handheld finger props
  - 15 feet: Chains, staves, torches, or smaller props. Chains and fire tools must come no closer than 5 feet to lights or overhead structures
  - 25 feet: All scenery and decorations, other than those that are flame retardant (unless intended to combust)
  - 50 or more feet: Sparklers, fountains, firecrackers (consumer fireworks) or as approved by the Fire Art Safety Team
  - Artwork Perimeter - multiply the height of artwork times 2 (example, if artwork is 30 feet high the perimeter would be 60 feet radius).

### **LEAVE NO TRACE**

The final responsible step in creating Open Fire at Burning Man is clean up and **Leave No Trace**. Think about **Playa Clean-Up** while you are creating your art. Artists are required to remove all ashes, debris and all components of burn shield protection from the playa. Clean up quickly, as soon as the fire cools, before others pile garbage on to your burn. Clean up should include a wide sweep around the site to pick up cinders and other debris. Steel drums, garbage cans, or large buckets are safer than plastic for removing ashes and debris.

If you have any questions, please email [fire-art@burningman.com](mailto:fire-art@burningman.com).

**I Have Read And Understand The Open Fire Safety Agreement Information And Accept Its Conditions**

## **Fire Safety Agreement: Pyrotechnics**

**Since you indicated that you will be incorporating Pyrotechnic Special Effects Material in your artwork, you must read and consent to the following Pyrotechnic Safety Agreement before continuing on to your Fire Questionnaire. This information is designed to promote the safe execution of Pyrotechnics at Burning Man.**

### **PYROTECHNICS DEFINITION**

Pyrotechnics refers to the art, craft and science of fireworks, which includes any explosives or projectiles. **All Pyrotechnic Special Effects Material Used in Any Art Installation Or Performance Must Consist Of Consumer [1.4G Class C, UN0336] FIREWORKS Or Less.**

**Absolutely NO DISPLAY [1.3G CLASS B, UN0335] FIREWORKS (Professional Fireworks) Or Higher Will Be Permitted At Any Art Installation Or Performance.**

### **SAFETY RESPONSIBILITY FOR PYROTECHNICS ART**

All artists and their crews are responsible for their own art. Because of the dangerous nature of Pyrotechnics, no one may display, exhibit or discharge any Pyrotechnics Special Effect and Material without the authorization of the Fire Art Safety Team. Responsibility of the artist includes verification and gaining the agreement from the Fire Art Safety Team by testing, that an art installation or performance will not endanger participants, art crew or members of the Fire Art Safety Team.

### **Fire Art Safety Team**

Burning Man has developed a Fire Art Safety Team (FAST) that will assist you in the safe execution of Open Fire, Flame Effects, and/or Pyrotechnic art installations. The Fire Art Safety Team brings Artists, Fire Safety Personnel and Industry Professionals together. The aim is to communicate with and provide experienced support for artists, both pre-event and on-site, and to ensure the safe use of fire and pyrotechnics at the Burning Man event. This team consists of a Fire Art Safety Coordinator, Emergency Services Dept., Fire Rescue Branch Chief, two Licensed Pyrotechnicians, Ranger Liaison and various advisors. Take advantage of the knowledge that this team has to offer, for they are here to assist you.

Our agreements with the federal government are in the form of event stipulations. For public safety reasons, artwork utilizing Open Fire, Flame Effects and/or Pyrotechnic, require approval in the form of a laminate (license). Fire Art Safety Team will issue the appropriate laminate once the artwork has been approved. The multiple step process for approval is not to bog down the artist but to assure that all safety regulations have been adhered to.

The Fire Art Safety Team and outside authorities, including law enforcement, retain jurisdiction over all flame classifications. They have the right to request to see the laminate and if not presented can override, stop, alter, or cancel any artwork or performance with just cause. They have access to all areas of the artwork or performance at all times.

In order for the Fire Art Safety Team to perform this function, the team requires that you conform to the following guidelines:

- **ART INSTALLATION PROCEDURE**
- **PYROTECHNICS SCENARIO & DIAGRAMS**



- **SAFETY GUIDELINES**
- **FIRE EXTINGUISHER NOTES**
- **FIRST AID**
- **LEAVE NO TRACE**

## **ART INSTALLATION PROCEDURE**

### **PYROTECHNIC SCENARIO**

Please list all Pyrotechnic Special Effects and Materials being used. Include the names of the firework items that you will be using (e.g. Black Cat firecrackers, Masters of Orion cakes, etc.) and materials (e.g. rubber cement, smoke cloth, etc.).

**DIAGRAM** - Supply all relevant diagrams / schematics for the following:

- **BASE CAMP SETUP** - Prepare a diagram showing the following areas within the base camp setup area:
  - **Storage Ready Boxes** (which must be made of appropriate materials as outlined by NFPA.)
  - **Point Of Assembly** of all pyrotechnic materials (No smoking or open flames within 25 feet of the area.)
  - **Location** of Fuel, flammable liquids, hazardous materials or anything potentially dangerous other than camping gear. (No smoking or open flames within 25 feet of the area.)
- **INSTALLATION / PERFORMANCE AREA** - Prepare a diagram showing the following areas within the art installation / performance area:
  - **How will Pyrotechnic Special Effects Material be used** in your art installation / performance.
  - **Preparation area:** Where will the preparation area be in conjunction to where the artwork resides.
  - **Perimeter Safety Zones:** Show where the artwork stands in relationship to where participants/audience will be, if performers are involved. Show how these distances were determined.
  - **Fire Extinguishers:** Types and locations

## **SAFETY GUIDELINES**

### **Fire Safety Liaison**

- Knowledgeable representative of the art installation or performance shall serve as a Fire Safety Liaison, who is responsible for the exchange of information about the art installation to the Fire Art Safety Team. They will maintain communication of all aspects of the artwork pre-play and during the event, such as: Scenario, Special Effects Material & Supplies, Diagrams, Performance Schedule, Safety Plan and Emergency Plan of Action during the use of the Pyrotechnic art. The "Artist" registering the artwork and the "Fire Safety Liaison" can be the same person or two different people.
- On-Playa - For the artwork to receive approval, the Fire Safety Liaison must attend a mandatory technical walk-through meeting the day prior to the use of Pyrotechnic Special Effects & Material with a member of the Fire Art Safety Team. If the pre-meeting is missed by Liaison, Artist will not be allowed to operate the Pyrotechnic art.

### **EMERGENCY PLAN OF ACTION**

- Any artist and their crew using Pyrotechnic Special Effects & Material must develop an emergency plan of action. If an art installation or performance has received approval and has been scheduled, this emergency plan of action shall be submitted to the Fire Art Safety Team prior to the performance.

- Material Safety Data Sheets (MSDS) for hazardous chemicals must be supplied and kept on site.
- All safety concerns shall be listened to and addressed by artists/performers and the Fire Art Safety Team to ensure a safe show.

## **PYROTECHNIC DISPLAY SCHEDULE**

- Performance schedule can be either a single performance or a series of nightly occurrences for the week of the Burning Man event. NEVER start a performance until all performers, safety team members, and participants members are in place and ready.

## **CONTAINMENT PLAN**

- Storage of all fuel, flammables and pyrotechnic materials shall be secured in approved containers, stored in a safe and secure area located a minimum of 100 feet from any open flame until used.
- During setup and performance all fuel, flammables, and pyrotechnic materials shall be secured in "Ready Boxes" and protected by the pyrotechnic operator and/or assistants. "Ready Boxes" shall be placed at least 25 feet from any ignition source.
- A Ready Box/Magazine (day box) shall be a portable structure that is fire-resistant, theft-resistant, and weather-resistant, and shall comply with the following provisions:
  1. Ready Box/Magazine shall be equipped with a padlock.
  2. Ready Boxes/Magazines constructed of wood shall have sides, bottoms, and covers or doors of 4-in. (101.6-mm) hardwood, well-braced at the corners. They shall be covered with sheet metal of not less than 26 gauge. Nails exposed to the interior of the magazine shall be countersunk.
- Fuel containers and pyrotechnic containers shall be labeled with the owners name, the material contained, and quantity of material in the containers.

## **NO SMOKING ZONES OR OPEN FLAME WILL BE PERMITTED**

- Within 25 feet of any Point of Assembly area where any pyrotechnic material are.
- Within 25 feet of any location of fuel, flammable liquids, hazardous materials or anything potentially dangerous.
- The Artist & performance liaison agree that no pyrotechnics, flame or spark will be permitted to cross, enter, go over, under, on, or around the audience.

## **SAFETY PERIMETERS**

- An appropriate audience safety perimeter and performer's safety zone shall be set well in advance of the performance and approved by the Fire Art Safety Team.
- ABSOLUTELY NO PYROTECHNICS SHALL BE USED WITHIN THE CITY OR CAMPING AREA.
- All Pyrotechnic special effects operators and assistants will be 21 years of age or older and be trained in the use of fire extinguishers.
- The Operator and assistants shall wear fire resistant clothing during any performance.
- Only people familiar with the safety considerations and hazards involved are permitted to do fuel loading (fueling props). Wearing personal safety gear (glasses, gloves, etc.) during fuel loading is required.
- A safety sweep shall be performed before the show starts and after the show is over to identify hazards or un-detonated pyrotechnics.
- No performance will start until all performers, safety people, and participants are in place, ready and the Fire Art Safety Team has granted approval.
- No carelessness, negligence, or unsafe conditions with pyrotechnics shall be tolerated.
- Do not drink alcohol, take drugs, or smoke when working with pyrotechnics.

## **EXAMPLES OF FLAMMABLE MATERIALS**

- Combustibles: Wood, bamboo, straw, hay, cloth, etc.
- Flammable Liquids: Gasoline, kerosene, etc.
- Compressed Gasses: Propane, oxygen, etc.
- Pyrotechnics: Consumer fireworks

### **FIRE EXTINGUISHER NOTES**

Not all fire extinguishers work for fighting all fires. Fire extinguisher rated for the specific fuel in use will remain available at the site of art or performance with flame effects for response to accidental fire. A wet blanket or towel must be available for response to accidental burn to a person (e.g., smothering the fire on the face of a fire breather) or to extinguish a prop.

Dry chemical extinguishers are required where fuel is stored, as they provide the best way to put out a fuel fire. They create messes that must be cleaned up after use. Also, dry chemical extinguishers start to lose charge after a single discharge and must be serviced and refilled.

Water fire extinguishers are useful for putting out fires involving wood, paper, fabric, and performers' bodies. These extinguishers must never be used on liquid fuel fires, as they will spread the fire. Also water is a good conductor of electricity, so these extinguishers are a poor choice for electric fires.

CO<sub>2</sub> (Carbon Dioxide) extinguishers are good responses to problems with fire props and electric fires. They leave no residue and can be used repeatedly until they run out. But they work for small fires only.

### **FIRST AID**

A basic first aid kit should be available and consist of the following items:

- non-petroleum-based burn cream or aloe vera gel
- several rolls of 100% cotton gauze and some large gauze pads
- a jug of water for flushing fuel.

Severe burns should be treated by Emergency Medical Services. Medical teams are available in Center Camp or in the plazas located at 3 and 9 o'clock in our city.

In case of fire, on a person's body or clothing, remember this rule: **Stop, Drop & Roll!** Many people have saved their own lives by dropping and rolling when their clothes caught fire.

- **STOP** Stop where you are DO NOT RUN!
- **DROP** Drop to the ground or to the floor and cover your face with your hands.
- **ROLL** Roll to put out the flames.

Cool a burn right away with water, and obtain medical help.

If you are near someone whose clothing catches on fire, be sure to stop him or her from running and make them **STOP, DROP and ROLL!**

### **LEAVE NO TRACE**

The Artist, Fire Safety Liaison and performers are responsible for all clean up at the art installation / performance site after the Burning Man event. Think about Playa Clean-Up while you are creating your art. The area should be as clean as when you found it and must 'Leave No Trace'.

The Artist and Fire Safety Liaison must carry 'Spill Clean-Up Material' (e.g. a shovel, rake, metal garbage can, etc.) for accidental spillage of material.

If you have any questions, please email [pyro@burningman.com](mailto:pyro@burningman.com)

## **I Have Read And Understand The Pyrotechnic Safety Agreement Information And Accept Its Conditions**

### **Fire Safety Agreement: Fuel and Hazardous Materials Storage**

**Since you indicate that you will be using combustible fuels in your artwork, you must read and agree to the following Fuel and Hazardous Materials Storage before continuing on to your Fire Questionnaire.**

All participants using combustible fuels in an art installation (or for other purposes) at Burning Man must educate themselves about and comply with appropriate practices for storing and handling these materials.

#### **Compressed and Liquefied Gasses**

- All gas cylinders must be stored in an upright position and secured to prevent tipping and becoming an unguided projectile.
- Carbon Dioxide (CO<sub>2</sub>) cylinders Greatly enhance any fire safety.
- All cylinder valve caps are to remain on the cylinder valve assemblies unless in use with plumbing or regulator set.
- Main shut off valve (Key Valve) must be marked.
- The Emergency Services Department (ESD) must be notified of the presence on the playa and locations of acetylene cylinders of any size.
- Acetylene cylinders should never be stored in the horizontal position and must be separated from Oxygen cylinders by twenty feet unless plumbed or on a cutting cart
- Propane cylinders of 100 gallons or more are not permitted within the city limits.
- A safety perimeter of 30 feet radius must be maintained for compressed gases and any camping area, and clear access must be provided for the Emergency Services Department in case of fire.
- Signage, "Flammable Fuel" must be easily seen.

#### **Liquid Fuels**

- Any collection of 20 gallons or more of flammable liquid must be kept within a secondary containment area. The containment method can be as simple as a petroleum resistant tarp rolled up to provide a berm.
- A supply of cat litter or fuel absorbent should be kept on hand near any spills basin.
- All containers for liquid fuels must be clearly labeled identifying contents and hazards. Original labels are preferred.
- A safety perimeter of 20 feet radius must be maintained between liquid fuel containers and any camping area, and clear access must be provided for the ESD in case of fire.
- A sufficient amount of dry chemical fire extinguishers must be kept visible and available near the storage location of any liquid fuel.

**Note:** Petroleum and all other flammable liquids burn at the surface of the material as it is vaporized by the fire or ambient heat. Applying water merely spreads the flaming liquid over a wider area, where it vaporizes

more rapidly, intensifying the fire. The best way to put out such a fire is to cut off its air supply or interrupts its chemical chain reaction. The smothering agents commonly used for petroleum fires are carbon dioxide (CO<sub>2</sub>) and dry chemical powder extinguishers. Both are effective for flammable liquids, but dry chemical is better for outdoor use because it is not subject to wind, has a longer range and can extinguish pressurized leaks of gas and liquid. For good all-around fire protection, use an ABC or all-class fire extinguisher.

### **Safety Reminders**

- Store fuel away from any running generator.
- Do not fill the tank on a generator that is running.
- When transferring fuel, use a pump. Never try to start a siphon using your mouth. A mouth full of gas or diesel could be fatal to you. For health reasons, wash hands after fueling.
- Keep all equipment used for petroleum storage and handling in good condition. Watch for leaks, deterioration, or damage.
- If fuel is spilled on your clothing, move away from any ignition source, and allow the clothing to dry. Use waterless soap for hands. If fuel should splash in eyes, use water to flush.
- Be aware of static electricity that can build up on you and or a container. Any spark can ignite gasoline vapors. Always fill containers on the ground, not in vehicles.
- Always use a bonding strap when transferring flammables and combustibles between containers.
- When submitting your art questionnaire please prepare 2 diagrams:
  - Base Camp - Where any fuels will be stored within your camp
  - Art Installation - Where any fuels will be stored in relation to the art

This information will help the Emergency Services Department plan for emergencies.

**I Have Read And Understand The Above Information on Fuel and Hazardous Materials Storage And Accept Its Conditions**

## Fire Safety Questionnaire

### ***Contact Info***

We understand that you may not know the answer to some of these questions, especially when it comes to safety. The Fire Art Safety Team will work with you. Simply write that you need help with the questions.

1. Fire Safety Liaison Name - Please give the name of the person who is assuming responsibility for the safety of this artwork. This person will now be known as the Fire Safety Liaison for the project.

2. Fire Safety Assistants - Please provide the names of any fire safety assistants. Please list each assistant one per line. All assistants must be 21 years of age or older and trained in fire safety and suppression.

3. Pyrotechnics Operator - If you will be using pyrotechnics, please provide the name of the primary pyrotechnics operator.

4. Qualifications of Pyrotechnics Operator - If you will be using pyrotechnics, please describe the qualifications of the primary pyrotechnics operator.

## ***Scenario***

5. Scenario - To better assist you with your artwork we need to know, in great detail, everything about your project. Be as clear and concise as possible, even though you may have described your project in an earlier question. Please answer the following questions:
  - **OPEN FIRE** - How will the fuels and materials be used? What kind of fuels will you use to set the artwork on fire?
  - **FLAME EFFECTS** - How will the fuels and materials used and be supplied to your project? Please include details regarding hoses, pumps, pressures, wicking, etc.
  - **PYROTECHNICS** - What types of pyrotechnics will be used and how will they be employed?

### ***Diagram/Schematics***

For the Fire Art Safety Team to understand your Safety procedures create a diagram or schematic for each project that is the complement to the description of your project. The diagram and/or schematic is the most important aspect of this application and will enable the Art Department and the Fire Art Safety Team to understand your artwork as it pertains to Open Fire, Flame Effects or Pyrotechnics.

### **BASE CAMP SET UP**

If your art incorporates **Flame Effects** and/ or **Pyrotechnics** in any way, please include the following in your diagram that relate to your Base Camp Set Up:



- **FLAME EFFECTS**
  - Location of extra tanks not in use
  - Fire extinguisher location
  - Extra fuel storage
  - Emergency shut off
  
- **PYROTECHNIC**
  - Storage **Ready Boxes** (which must be made of appropriate materials as outlined by NFPA.)
  - **Point Of Assembly** of all pyrotechnic materials (Please note smoking or open flames are strictly prohibited within 25 feet of the area.)
  - **Location** of fuel, flammable liquids, hazardous materials or anything potentially dangerous other than camping gear. (No smoking or open flames within 25 feet of the area.)

## INSTALLATION / PERFORMANCE AREA

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Prepare a diagram showing the following areas within the art installation / performance area:

### OPEN FIRE - Level One Only

- **Burn Platform:** Please prepare a diagram that shows all aspects, details and materials used.
- **Indicate where your art installation will be situated** in relation to the burn shield platform. Be sure to think about how your project will fall or collapse, and make sure your platform will cover ample ground to protect the playa even as your piece falls.
- **Perimeter Safety Zones:** Show where the artwork stands in relationship to where participants will be (and if performers are involved). And how were these distances determined?

### FLAME EFFECTS

- **Fuel Location & Supply:** Location of artwork in relationship to fuel tanks, showing fuel lines and tanks in relationship to flame source
- **Protection from vehicle traffic:** How the tank(s) will be shielded from vehicle traffic.
- **Illumination:** How will the fuel tanks be illuminated at night.
- **Perimeter Safety Zones:** Show where the artwork stands in relationship to where participants/audience will be (and if performers are involved). And how were these distances determined?
- **Fire Extinguishers:** Types and locations

### PYROTECHNIC

- **How will Pyrotechnic Special Effects Material be used** in your art installation / performance.
- **Preparation area:** Where will the preparation area be in conjunction to where the artwork resides.
- **Perimeter Safety Zones:** Indicate where the art installation exists in relationship to where participants/audience will be (and if performers are involved). And how were these distances determined?
- **Fire Extinguishers:** Types and locations

**Fuel and Storage**

*If you will be storing more than 20 gallons of Hazardous Flammables or any potentially dangerous combustibles, liquid fuel or propane, please list; type, quantity, delivery and storage for each:*

**FUEL 1**

6. Fuel Type:

7. Quantity:

8. Delivery:

9. Storage:

**FUEL 2**

10. Fuel Type:

11. Quantity:

12. Delivery:

13. Storage:

**FUEL 3**

14. Fuel Type:

15. Quantity:

16. Delivery:

17. Storage:

### ***Safety Plan***

18. Safety Plan - Please describe your safety plan for your art piece, performance, demonstration, or display, no matter what kind of flame classification your artwork will utilize. This should include: Fire extinguishers and or fire suppression that will be kept on hand and used if needed. What kind of First-Aid will be readily available? What kind of safety and/or fire training your performers, yourself or your assistants have had. For Flame Effects - describe the emergency shut off procedures

### ***Leave No Trace***

19. Burn Shield Protection Plan / Burn Platform - Please describe how your project will be situated in relation to the platform. Be sure to think about how your project will fall or collapse, and make sure your platform will cover ample ground to protect the playa even as your piece falls.

20. Leave No Trace - Please explain IN DETAIL your Leave No Trace / Burn Clean-up Plan. How will you ensure that your artwork will not result in litter? How will you protect the playa from damage?

Explain how you will **Tear Down, Clean up and Restore** the playa to its original condition when you first arrived.

### ***Pyrotechnics***

Please list all pyrotechnic special effects material being used. Be prepared to supply Material Data Sheets (MSDS's) for hazardous chemicals used. Use [pyro@burningman.com](mailto:pyro@burningman.com) for all correspondence regarding this section of the form.

21. Pyrotechnic Supplies - Type of pyrotechnic supplies. Please include the names of the firework items that you will be using (e.g. Black Cat firecrackers, Masters of Orion cakes, etc.).

**Please list one item per line, and the quantity of each item.**

22. Pyrotechnic Special Effects Materials

Please list all pyrotechnic special effects materials that you will be using (e.g. rubber cement, smoke cloth, etc.).

**Please list one item per line, and the quantity of each item.**

