

**DO NOT MAIL US
THIS FORM!**

This PDF is only for
reviewing the questions
before you fill out the
online form.

Thank you.

Department of Mutant Vehicles Questionnaire 2009

Burning Man Mutant Vehicle Pre-Registration Form

Thank you for wanting to share a Mutant Vehicle with the Burning Man community at Black Rock City. Getting your MV driving around on the playa is a two-stage process: first, completing the pre-registration application (note: **you must apply online ... no mailed-in applications will be accepted**), and second, undergoing the on-playa inspection to make sure the intent of the application was carried out. This Web form should take you about 30 minutes to complete; less if your vehicle is fairly simple in its construction and implementation (i.e. a single layer, no trailers, no flame effects).

These are the things you should consider before filling out the online application form...

You will be asked to share the following well-thought-out information:

- A picture of your vehicle (a URL, or an uploaded photo). Note: If you are uploading a photo, it cannot be larger than 200K (JPEG recommended).
- The safety considerations you are implementing.
- The intent with which you are creating this vehicle, and what you wish to share with the community as a result of bringing your vehicle to Burning Man.
- Any flame effects that your vehicle uses.

The criteria for licensing a Mutant Vehicle include:

- Clear written and visual plans
- The contribution your vehicle makes to the Burning Man community
- A standard of safety for your vehicle and its occupants
- Past project history
- Adherence to deadlines
- Current and past behavior (violating driving rules at Burning Man is cause for revocation of your Mutant Vehicle license, impound of the vehicle, and possible ejection from the event)
- Physical inspection of the vehicle on the playa
- Be sure to read all about Mutant Vehicles and driving at Burning Man at dmv.burningman.com

Please be aware that:

- This application does not guarantee a Mutant Vehicle license. All licenses are granted after inspection of the Mutant Vehicle on the playa.
- Submitting this application means that, if granted a Mutant Vehicle license, you agree to abide by all of the driving rules and community guidelines in effect at Burning Man.
- You will receive an email from the BRC DMV indicating that your preliminary application has been received. This does not indicate anything other than a confirmation that we received your application. It in no way implies that you will receive a license.
- After you complete your application the DMV will review it -- this may take weeks. Then you will receive an email from the DMV stating that your Mutant Vehicle application has either been accepted, which means you may bring it to the event (where licensing is subject to its on site inspection), or denied, which means we will ask you to not bring your vehicle to Burning Man.

- In order to enter Black Rock City with your Mutant Vehicle, you *must* bring a printout of the email mentioned in the bullet point above (inviting you to bring your Mutant Vehicle to Burning Man for final inspection). This letter will be requested at the Gate. **You will not be allowed to bring your Mutant Vehicle into Black Rock City without this.**

Remember that this application is what gets you approved to bring your vehicle to the playa. Put your best foot forward. The more info, the better the pictures and the more complete your description of the final product we have, the better chance you will have to get approved for playa inspection. Remember though, you must pull off what you submit in order to pass on playa.

For more information on any of the above DMV policies and/or for a more detailed description of the licensing criteria, please visit the [DMV section of burningman.com](#). Questions can be sent to: dmv@burningman.com.

Many participants have found it useful to print a copy of this application to fill out while off-line. We have provided a [PDF version](#) of the DMV Pre-Registration Form for this purpose. *Note that you must still fill out an application online!*

If you are prepared with all necessary information and a photo, please continue on to [fill out the application](#).

Mutant Vehicle Agreement: Black Rock City Guidelines

About the Speed Limit

The speed limit at Black Rock City is a MAXIMUM of 5 mph, and must be less if your vehicle is creating dust, or in unsafe conditions.

About Pedestrians and Bicyclists

Pedestrians and bicyclists ALWAYS have the right of way. Driving is not allowed on the pedestrian walkways or in Center Camp. See your BRC Map for more information.

About Sobriety

Driving under the influence of drugs or alcohol is illegal and poses a danger to the driver and the community. Drive sober.

About Sound

Vehicles with sound systems are subject to the same guidelines as theme camps. Please be thoughtful and respectful of those around you, especially in and near camps or art installations.

About DMV Hotties

Hotties are volunteers and have a difficult job, please treat them with respect, even if your vehicle is denied for a license.

About Trailers

All trailers will require a separate license from the Department of Mutant Vehicles. Operating an unlicensed trailer constitutes grounds for revocation of your Mutant Vehicle license. If operating at night, trailers and hitches must comply with the RADICAL illumination policy. Trailers are also our biggest cause of injury, please keep this in mind when designing and operating them.

About Flame Effects

If your Mutant Vehicle incorporates Flame Effects, you should be aware of several items.

- Tiki torches, candles or liquid fuel-based Flame Effects are not to be used as high winds may cause spillage of liquid fuel or wax creating a hazardous situation.
- The use of woods fires or burn barrels on Mutant Vehicles is not allowed. Weather conditions change quickly on the Playa and fires of this type spread sparks and are not easy to extinguish in case of high winds or accident.
- No fireworks or pyrotechnics. All fireworks are prohibited in our event stipulations with the BLM and present a significant fire hazard within the camping areas.
- It is highly recommended that all Mutant Vehicles incorporating pressurized fuels include an emergency shut-off, such as a quarter-turn ball valve within reach of the driver OR flame effects operator in case of weather changes or other emergency.
- All fuel sources and fuel lines must be within the vehicle and not exposed to collision on the exterior of the vehicle. A severed fuel line or crushed propane tank would be an extreme fire hazard.
- All approved fire must be well above head height. Cloth flags, stilts, tall Mutant Vehicles as well as flammable costumes are all reasons to keep the fire safely above the participants.
- All Mutant Vehicles incorporating Flame Effects must have appropriate fire extinguishers, within reach, that are up to date and in working order.

Your Agreement with Burning Man:

If not granted a license:

- I will treat the DMV Hotties with respect.
- I agree to park my Mutant Vehicle at my camp and not operate it during the course of the Burning Man event.

If granted a license:

- I agree to follow the sound guidelines set forth at Black Rock City.
- I agree to drive no faster than 5 mph, and to slow down if I am creating dust.
- I agree to give the right of way to pedestrians, bicyclists and emergency vehicles.
- I will not drive on pedestrian walkways, or in Center Camp.
- I will be sober when operating this vehicle.
- I understand that I am responsible for the Mutant Vehicle, even if I am not driving it at the time of an offense.
- I agree to assume full responsibility for any and all injuries or damage caused by the operation of this Mutant Vehicle.
- I agree to the terms and conditions regarding trailers.

I understand that failure to respect and follow these simple guidelines can result in one or more of the following:

- Revocation of my Mutant Vehicle's license
- Impound of my Mutant Vehicle (BRC is not responsible for any loss or damage to the vehicle or personal property within the vehicle)
- Fines
- Ejection from the event without refund

I understand that following these guidelines can result in one or more of the following:

- Fun and enjoyment for me and all those that interact with my Mutant Vehicle
- A safe experience for me, those on my vehicle, and those that are around my vehicle
- The best Burning Man experience I have ever had

I hereby expressly agree to indemnify, defend, and forever hold harmless, Black Rock City LLC, Burning Man, their respective officers, directors, employees, agents, representatives, contractors, assigns, parents and subsidiaries, from and against any and all claims whatsoever, occurring or resulting in connection with the use or presence of my Mutant Vehicle at Burning Man.

I Have Read and Understand the Above Information and Accept these Conditions.

* Please note: This is a preliminary agreement. Before receiving an official license, you must complete and sign the official DMV Terms of Use Agreement, which contains additional information. This will be completed on the playa once your vehicle has been inspected.

Please use one of the following buttons to Decline or Accept this agreement:

Mutant Vehicle Application

Mutant Vehicle Information

1. **Mutant Vehicle Name (Required)**

What is the name of the Mutant Vehicle you are pre-registering?

2. **Plan Submission Method (Required)**

A diagram, drawing, or plan for the Mutant Vehicle, any trailers and/or associated support vehicles. These should be as complex as your design requires and are meant to be compliments to the description. With both the description and these plans the Hotties should have a crystal clear picture of your intent. NOTE: No application is complete until we have received your images. Please specify the manner in which you would like to submit this:

- URL (see below)
- File Upload (see below):
- Mail:

Note that it is not recommended to mail in your image. This substantially hinders the processing of your application and will delay your response from the DMV. It is much preferred and recommended to submit via the upload or URL options. If you must go this route, make sure to include Vehicle information so we can match the picture to your application. Also please supply an email address or phone number where we can contact you regarding your application.

**Attn: Department of Mutant Vehicles
Burning Man
Po box 88468
San Francisco, CA
94188-4688**

3. **Mutant Vehicle URL**

If you have images of your vehicle on the web, please include that URL here. Please make sure that the page you submit actually has your vehicle pictures on it so that we don't have to search around your site to find it. Also, do not use a site where you must register to view the pictures.

4. **Image Upload**

NOTE: PLEASE DO NOT TRY TO UPLOAD NON-IMAGE FILES! (Like PDF's). JPG or GIF's only please. If you get an error on your application, please email forms-accounts@burningman.com with the error message. In order for us to get a good sense of what you are creating, we need to see what it looks like. Please upload a photo or sketch of your vehicle. JPG is recommended, please no files over 200K.

5. **Previously on the Playa? (Required)**

Has this vehicle been at Burning Man before?

- Yes
- No

6. **Years at Burning Man**

Please check the years that this vehicle has been at Burning Man.

1997
1998
1999
2000
2001
2002
2003
2004
2005
2006
2007
2008

- 7. Previous Mutant Vehicle Names**
Please share any other names the vehicle has been known under.
- 8. Prior Mutant Vehicle (Required)**
Have you had a Mutant Vehicle at Burning Man before?
- Yes
- No
- 9. Prior Mutant Vehicle Information**
If so, please tell us about the Mutant Vehicles. Include the names of the vehicles (if different from the name you are registering it under), and the years brought to the playa.
- 10. Camp Information (Required)**
Please tell us the name of your theme camp, or the location you expect to camp at this year.

About License Types:

- 1. Licensed Mutant Vehicles may receive a day license, a night license, or both, depending on the vehicle.**
- 2. Mutant Vehicles granted night licenses must be RADICALLY illuminated. This requires far more thought and implementation than running lights and a few blinkies. The vehicle must cause people hundreds of feet away to squeal in delight and amazement.**
- 3. Mutant Vehicles will be licensed for driving either on the open playa only, or for driving on the playa and on the streets of Black Rock City (except, of course, the pedestrian walkways and Center Camp). This is largely dependent on the vehicle's size and turning radius.**
- 4. Night licenses do not automatically imply a day license. You must specify both if you want both.**

- 11. Day License (Required)**
Are you applying for a day license?
- Yes
- No
- 12. Night License (Required)**
Are you applying for a night license?
- Yes
- No
- 13. About the Vehicle's Mutation (Required)**

What makes this a Mutant Vehicle? Tell us about the physical changes to the vehicle, what you are adding, what you are taking off, how you are doing it and the overall picture of what you are creating.

14. Lighting Plans

Describe how this vehicle will be illuminated at night. Remember, in order to receive a night license, your vehicle must be RADICALLY illuminated.

15. Mutant Vehicle Intent (Required)

What experience are you intending to create for people? What do you want to share with the community by bringing this Mutant Vehicle to Burning Man? How, if anyway, does your vehicle fit with the current years theme?

16. Street Legal (Required)

Is this vehicle street legal?

- Yes

- No

17. Vehicle License Number

If so, please give the license plate number of the vehicle.

18. State of License

If so, please enter the state the vehicle is licensed in.

19. Vehicle Length (Required)

How long is the vehicle (in feet and inches)?

20. Vehicle Width (Required)

How wide is the vehicle (in feet and inches)?

21. Vehicle Weight (Required)

How much does the vehicle weigh (in pounds)?

22. Frame Base (Required)

What is the frame based on (Honda Civic, John Deere Tractor)?

23. Frame Year (Required)

What year was the frame built?

24. Capacity (Required)

Including the driver, how many people can this vehicle safely carry?

About Trailers:

- 1. Trailers are licensed separately from the Mutant Vehicle. Each trailer will have its own license.**
- 2. If your vehicle's trailers are deemed unsafe, they will not be licensed. In most cases, this should not affect the ability of your Mutant Vehicle to be licensed, as long as the vehicle meets all of the licensing criteria.**
- 3. Driving a licensed Mutant Vehicle with an unlicensed trailer is cause for revocation of the Mutant Vehicle license, and possible impound of the vehicle.**
- 4. For Mutant Vehicles with trailers that are applying for night licenses, in addition to the RADICAL illumination required of the Mutant Vehicle, the trailer AND THE HITCH must be radically illuminated as well.**

25. Number of Trailers (Required)

How many trailers does your vehicle use?

- None
- 1
- 2
- 3
- 4
- 5
- More than 5

26. Levels (Required)

Does your vehicle have more than one level? Please construct a railing system if you have more than one level.

- Yes
- No

27. Number of Levels

How many levels does your vehicle have? Please describe the number of levels and the method of moving from one level to another.

28. Sound System (Required)

Does your vehicle have a sound system?

- Yes
- No

29. Sound System Wattage

How many watts is the sound system?

30. Bar (Required)

Does your vehicle have a beverage bar?

- Yes
- No

31. Standing Passengers (Required)

Are people allowed to stand while the vehicle is in motion?

- Yes
- No

32. Design Safety (Required)

How did you consider safety when designing this vehicle? Please describe the safety considerations you are making in relation to the physical structure of your vehicle. This includes, but is not limited to, any railings, stairs, ladders, trailers, control wiring, electrical grounding, or multiple levels that are a part of your vehicle, as well as your vehicle's load capacity and braking system. Please attempt to strike a balance between thorough and concise.

Operating Procedures

In order to be eligible for a Mutant Vehicle license, you must demonstrate to the DMV that you have given serious thought to how to safely operate your vehicle during Burning Man.

Anyone striking a member of the community with their vehicle will have their license revoked, and may face legal consequences.

Describe the procedures and policies that you have developed and intend to

follow to safely operate Mutant Vehicle on the Playa. The more complex and grand your Mutant Vehicle, the more thorough and detailed your answer should be.

Please cover any pertinent areas that can be problematic or are related to vehicle safety such as moving between levels; dealing with blind spots; starting and stopping your Mutant Vehicle; the location of safety equipment such as first aid kits and fire extinguishers; passenger rules; vehicle crew job descriptions; dealing with difficult passengers, etc.

Note: The DMV is requesting your procedures for people entering and exiting your Mutant Vehicle in the next question, so they need not be covered here. If you have an existing written copy of your operating policies and procedures in text format, you may cut and paste them into the text box below.

33. Operating Procedures (Required)

What are the operating procedures for this vehicle?

34. Enter/Exit Procedures (Required)

Describe the ways in which people can get on and off of the vehicle.

35. FuelType (Required)

How is your Mutant Vehicle powered? E.g. gasoline, diesel, bio-feul, solar, electric etc. Is the powertrain stock or custom? Is the power source green or renewable in any way?

Fire Usage

About Fire and Mutant Vehicles

If your Mutant Vehicle incorporates flame effects, you should be aware of several items.

1. No tiki torches, candles, fire barrels or liquid-based flame effects.
2. No pyrotechnics, including fireworks.
3. It is highly recommended that all Mutant Vehicles incorporating pressurized fuels include an emergency shut-off, such as a quarter-turn ball valve.
4. All approved fire must be above head height (10 feet).

36. Flame Effects (Required)

Will your project include the use of any flame effects? This includes a project as simple as propane torches or any fires 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.

- Yes
- No

37. Combustibles (Required)

WITH THE EXCEPTION OF THE FUEL USED TO PROPEL THE VEHICLE will you be **STORING HAZARDOUS FLAMMABLES** or any potentially dangerous combustibles, such as gasoline, kerosene, propane, oxygen, etc., on your Mutant Vehicle? (This information is for fire prevention only and is confidential.)

- Yes

- No

Listing Information

38. Listed on Burning Man Earth? (Required)

Would you like to have your Mutant Vehicle listed on Burning Man Earth, a 3D virtual representation of Black Rock City? It's available year round, so you can learn what was done, how, and connect with who made it happen. (Information listed: name of vehicle owner, vehicle name, vehicle description, vehicle URL, public email - optional)

- Listed with Public Email (collected below)
- Listed without Email
- Unlisted

39. Public Email

If you have checked "Listed with Public Email" on the Burning Man Earth questions above, please include the email you would like displayed (we will not display your email used for registration unless you enter it here).

Trailer Information

In the text boxes that follow, please describe any trailer(s) that will be attached to your vehicle. Describe one trailer per box, and if you have more than five trailers, let us know in the sixth box. Remember that each trailer will be licensed separately, so please include all of them, from a 40-foot flat car to a wagon. For each trailer please describe that trailer and include:

- The purpose of the trailer (carrying people, carrying a generator, purely aesthetic, etc.)
- The approximate length, width, weight in feet/inches/pounds (your best guess is acceptable)
- The number of people it can carry
- How it is attached to the vehicle (type of hitch)
- What types of brakes it has, if any

Also, if you are applying for a night license, please indicate how the trailer and the hitch will be illuminated.

Trailer 1 Information (Required)

Please enter the requested information for trailer 1.

Trailer 2 Information (Required)

Please enter the requested information for trailer 2.

Trailer 3 Information (Required)

Please enter the requested information for trailer 3.

Trailer 4 Information (Required)

Please enter the requested information for trailer 4.

Trailer 5 Information (Required)

Please enter the requested information for trailer 5.

Trailer 6 Information (Required)

Please enter the requested information for trailer 6.

DMV Fire Safety Agreement: Fuel and Hazardous Materials Storage

The following information was written primarily for all art installations, so please be aware that some of it may not be applicable to Mutant Vehicles.

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.
- 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 20 feet 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 absorbant 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 30 feet 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: A petroleum, flammable liquid, fire burns 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 (CO₂) and dry chemical powder extinguishers. Both are effective for flammable liquids, but dry chemical is better for outdoor use because it's 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 And Accept Its Conditions As It Relates To Mutant Vehicles

Please use one of the following buttons to Decline or Accept this agreement:

DMV Fire Safety Agreement: Flame Effects

The information and guidelines on this page is designed to promote the safe use of FLAME EFFECTS on your Mutant Vehicle. These are the same rules you will find in most cities and states regarding fire and flame effects. We encourage you to use these safety rules as a guide.

PERFORMANCE SAFETY TEAM

Burning Man has developed a Performance Safety Team (PST) that will assist you in the safe execution of Flame Effects. The Performance 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 at the Burning Man event. This team consists of a Performance Safety Coordinator, Emergency Services Dept, Fire Rescue Branch Chief, two Licensed Pyrotechnicians, Ranger Liaison and various advisors. Several members are assigned to the DMV to assist you, the artist, before you arrive on the Playa and to inspect your equipment once you arrive. It is much easier to make changes or modifications before you reach the Event. If you have any doubts or concerns please 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). The Performance 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.

FLAME CLASSIFICATIONS 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.

PYROTECHNICS

Pyrotechnics refers to the art, craft and science of fireworks, which includes any explosives or projectiles. ABSOLUTELY NO PYROTECHNICS OF ANY KIND MAY BE USED ON A MUTANT VEHICLE. THERE ARE NO EXCEPTIONS TO THIS RULE. LAW ENFORCEMENT IS QUITE STRICT ON THIS POLICY AND YOU WILL BE CITED AND POSSIBLY REMOVED FROM THE EVENT!

GENERAL FIRE SAFETY GUIDELINES

The Performance 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 Performance Safety Team to perform this function, the team requires that you conform to the following guidelines, which are as follows:

- All artists and their crews are responsible for their own art. Because of the dangerous nature of fire, no one may display, exhibit, or discharge any flames without the authorization of the

Performance Safety Team.

- Responsibility includes verification by testing, that the performance that you will be giving, or art installation you will be creating, will not endanger participants, performers or members of the Performance Safety Team.
- Any carelessness, negligence or unsafe conditions shall not be tolerated.
- Do not drink, take drugs or smoke when working with Flame Effects.
- No Flame Effects shall be used within the city or camping areas.
- Common sense would dictate that all fuel tanks on your Mutant Vehicle must be protected. When designing your MV give some thought to the location of your fuel tanks and the routing of the supply lines and hoses. Protect them from a possible collision and from a participant accidentally damaging them.
- All Flame Effects operators and assistants must be 21 years of age or older and be trained in the use of fire extinguishers.

Fire Safety Liaison

A knowledgeable representative of the Mutant Vehicle shall serve as a Liaison, who is responsible for the exchange of information about the Flame Effects to the Performance Safety Team. They will maintain communication of all aspects of the artwork pre-playa and during the DMV/PST inspection. The following topics must be submitted on your DMV application: Scenario, Special Effects Material & Supplies, Diagrams, Safety Plan and Emergency Plan of Action. The "Artist" registering the vehicle and the "Fire Safety Liaison" can be the same person or two different people.

- On-Playa: For the Mutant Vehicle to receive approval, the Fire Safety Liaison, Artist or Flame Effects operator must bring the vehicle to the DMV for a technical walk-through with a member of the Performance Safety Team. Each evening there are at least two team members at the DMV for this purpose. After passing inspection a laminate will be issued.

Emergency Plan Of Action

- Any artist and their crew using Flame Effects must develop an emergency plan of action. Material Safety Data Sheets (MSDS) for hazardous chemicals must be supplied and must be kept on site.
- All safety concerns shall be considered and addressed by artists or performers and the Performance Safety Team to ensure safe operation of Flame Effects on board your Mutant Vehicle.

Daily Safety Check

Daily Safety Check of all Flame Effects fuels, materials, hoses, pumps, pressure of tanks, etc. will be mandatory before the use of your equipment shall commence. If a safety hazard has been identified, the Fire Safety Liaison will halt the use of your Flame Effects until such safety matters are taken care of.

No Smoking Or Open Flame

No Smoking Or Open Flame within 25 feet of any location of fuel, flammable liquids, hazardous materials or anything potentially dangerous, other than camping gear. All fuel and flammables shall be secured in approved containers, stored in a safe and secure area located a minimum of 50 feet away from any open flame.

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. The area should be as clean as when you found it and must 'LEAVE NO TRACE'. This relates to your Mutant Vehicle possibly leaking oils or fuels.

First Aid

- A basic first aid kit should be available consisting of the following items: Non-petroleum-based burn cream or aloe vera gel, several rolls of 100% cotton gauze, and some large gauze pads, as well as 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 fire, be sure to stop him or her from running and make them STOP, DROP and ROLL!

Fire Fighting

- **You shall have a fire extinguisher available in case of accidental fire.**
- **You shall have a wet blanket or towel available in case of an accidental burn to a person, i.e. smothering the fire on the face of a fire breather, or extinguishing a prop.**

Fire Extinguisher Notes

Learn all about fire extinguishers on our [Fire Extinguishers](#) page.

Guidelines for Flame Effects

The majority of flame effects that we see on the playa are Liquefied Petroleum Gas (LP), more commonly propane. Most of the guidelines below deal with that as a fuel. Regardless of fuel type or technological basis, all flame effects must be constructed in such a way as to meet or exceed applicable laws, codes, and industry standards.

The National Fire Prevention Association (NFPA) publishes standards for LP Gas systems in their documents #54 and #58 and deals with standards for the use of flame effects in #160 Flame Effects Before a Live Audience. All of these documents are available for purchase or viewed on the NFPA website and should be reviewed by all fire artists.

- All LP gas tanks must have an unexpired certification date stamp and be in good working order. Tanks in poor condition or out of date are a danger to fill and may cause injury to the fuel team, the artists, and/or participants.
- All LP Flame Effects must have 1/4-turn shut-off valves at each fuel supply connection as a primary emergency fuel shutoff point. These valves must be exposed and visible at all times. This valve also gives the artist control of the gas supply without having to manipulate the multi-turn supply valve on the tank itself.
- All fuel lines used must be rated for both pressure and for the type of fuel being used. This information must be printed on the fuel lines at the time of on-playa inspection. Air or pneumatic line is not acceptable as fuel hose. LP gas degrades rubber hose not specifically designed for use with that fuel. This results in the hose cracking from the inside out, potentially leading to a catastrophic failure.

- All fittings, piping, valves and connectors must also be designed for and rated for the pressures and fuel type used. The use of soldered fittings is prohibited in the fuel systems of any Flame Effect. The use of improper fittings can lead to leaks and failures in the fuel system resulting in fires and or injury.
- Hose clamps are prohibited on any fuel lines. All fuel hose connections must be factory made, or constructed with a crimped fitting specifically designed for that purpose. Hose clamps are well known for cutting and chafing fuel lines, or coming loose, possibly leading to catastrophic failure.
- Accumulators, pressure vessels, and all associated piping and fittings must be rated for the operating pressures at which your Flame Effect is operating. Any welding to or of old propane tanks used as accumulators or pressure vessels must be done by an American Society of Mechanical Engineers (ASME) certified welder, and must be re-stamped and certified as such. Catastrophic failure of accumulators or pressure vessels can result in leaks or explosions.
- In Flame Effects where the gas supply pressure is higher than the rated operating pressure of the accumulators or pressure vessels, a regulator must be properly installed on the supply side of the accumulator or pressure vessel. Also, an over-pressure device must be properly installed in the vapor space of the accumulator or pressure vessel.
- Flame Effects must never be left unattended. The winds in the desert are highly variable, and may create havoc in a poorly monitored installation, including fires or explosions. Any Flame Effect found running unattended will be shut down. Egregious or repeat offenses will result in the confiscation or disabling of the Effect.
- When you are installing Flame Effects on mobile art, IE: a Mutant Vehicle, there are other factors you must take into consideration during your planning and construction stages. It is possible that you may have participants on your vehicle. The routing of the hoses and lines should be such that they cannot be damaged by someone grabbing them over rough terrain or tripping on them boarding or disembarking from your vehicle. Your fuel storage tanks must be mounted where they are protected from damage caused by a collision with another Mutant Vehicle or solid object. The effect needs to be at least 10 feet from the ground. Exceptions to this will be on a case by case basis.
- As an operator of a Mutant Vehicle you must be aware of your surroundings and Playa conditions. There are many tall structures, participants on stilts, flammable costumes and unpredictable winds. Any of these factors could result in serious injury. Simply being aware of these conditions will go a long way in preventing an injury.

Any Concerns Or Questions About Flame Effects on Mobile Art email: Dmv-flame-effects@burningman.com

I Have Read And Understand The Above Information And Accept Its Conditions As It Relates To Mutant Vehicles

Please use one of the following buttons to Decline or Accept this agreement:

DMV Fire Questionnaire

Contact Information

1. **Fire Safety Liaison Name** (Required)
Please give the name of the person who is assuming responsibility for the safety of this vehicle.
2. **Fire Safety Liaison Phone Number** (Required)
Please provide a phone number at which the Fire Safety Liaison can be reached.
3. **Fire Safety Liaison Email Address** (Required)
Please provide an email address for the Fire Safety Liaison.
4. **Fire Safety Assistants**
Please provide the names of any fire safety assistants, one per line. All assistants must be 21 years of age or older and trained in fire safety and suppression.

Safety

Guidelines for flame effects on mutant vehicles.

- All flame shall be at least 10 feet above the last place that participants can stand on vehicle. (Flame should be well above the heads of participants).
- Flames shall be vertical when possible; no flame shall be angled more than 45° to horizontal.
- All fuel tanks shall be within the vehicle, secured and protected from collision and or damage as well as be well ventilated (note propane is heavier than air and will build up in low unventilated areas).
- All fuel lines shall be rated for the fuels used and the pressures that they will be operated at as well as run in such a way as to prevent rubbing, chaffing, impingement or other damage that may result from use of vehicle or accident.
- The use of wood fires or liquid fueled flame effects on mutant vehicles is prohibited.
- Transporting open acetylene cylinders and the use of acetylene in flame effects on mutant vehicles is prohibited.
- A 1/4 turn shut off valve must be installed on the fuel supply line and be placed within reach of the driver for emergency shut off.
- No more than 80 liquid gallons of propane will be permitted on the vehicle at any time.

The following documents are required. Please submit them to either:

via email: [dmv-flame-effects at burningman dot com](mailto:dmv-flame-effects@burningman.com)

-or-

**Attn: Department of Mutant Vehicles
Burning Man
P O Box 884688
San Francisco, CA 94188-4688**

Flame Effects (Required)

How will the fuels and materials used be supplied to your project? Please include details regarding hoses, pumps, pressures, safety shut-off valves, etc. Please submit a clear diagram of this information (your flame effects plan).

Storage of Fuel (Required)

Please submit a clear map of your camp with the location of fuel, flammable liquids, hazardous materials or anything potentially dangerous (other than camping gear).

5. Scenario (Required)

In the space provided below please give a description of the flame effects you intend to use on your Mutant Vehicle. Please be as detailed and technical as possible. We wish to know how your device operates, what fuel it uses, how the fuel is stored, the types of hoses, valves, solenoids, the pilot light or ignition system and any other details you may have. If you have not completed the FE design or construction just be as accurate as you can. If we have further questions we will contact you.

6. Safety Plan (Required)

Please describe the safety plan for your Mutant Vehicle. 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 you supply?
- What kind of safety training have you or your assistants had?