

2021/2022 SEASON BURNOUT RULES AND REGULATIONS

(Updated August 2021)

Driver and Passenger Licensing & Protective Equipment Requirements

All burnout participants at Burnout Events will be required to purchase an Andra Day Licence, or be a full ANDRA member to participate.

The Andra Day Licence ensures Public Liability Insurance coverage as per the ANDRA membership.

Day Licences are normally available at the event or with your entry.

Naturally Aspirated & OEM Power Adders using, Petrol (pump) fuel.

- Open-faced or full-face helmet meeting AS / NZS 1698 or ECE 22.05 as a minimum.
 - Any of the FIA, SFI or SNELL helmets listed in the current ANDRA Rulebook are also acceptable.
- All clothing must be of fire-resistant material as a minimum (no nylon).
 - Long sleeve top & full-length trousers as a minimum
 - No holes, including fashion cut outs.
 - Sleeves must be down before and during burnout.
- Enclosed shoes and socks above the ankles.

Non-OEM Power Adders and/or Alcohol-Based fuel (e.g. Ethanol or Methanol).

- Open-faced or full-face helmet meeting AS / NZS 1698 or ECE 22.05 as a minimum.
 - However, if an open-faced or *full-faced without visor helmet is worn, a balaclava meeting SFI 3.3 or FIA 8856-2000 is mandatory.
- Fire suit meeting SFI 3.2A / 5 or FIA 8856-2000 as a minimum.
- Gloves meeting SFI 3.3 / 5 or FIA 8856-2000 as a minimum.
- Shoes / boots meeting SFI 3.3 of FIA 8856-2000 as a minimum.
- Balaclava meeting SFI 3.3 or FIA 8856-2000 recommended.
- Socks and underwear meeting SFI 3.3 or FIA 8856-2000 recommended.

***A Motorcross helmet will be classed as open-face helmet.**

One (1) passenger is allowed with a minimum age of 18 years applicable for both driver and passenger.

The passenger must be afforded the same measure of protection afforded to the driver as per the regulations above.

The passenger must hold an appropriate ANDRA Membership / Licence or ANDRA Day Licence as a minimum.

Burnout Vehicle Classes

Whilst every effort will be made to cater for entrants in their nominated Burnout category/class at Events, the organisers have the discretion to properly assign the appropriate class that Burnout vehicles will participate in.

PRO Class

- Engine: Any number of cylinders permitted.
- Aftermarket Supercharged, aftermarket Turbocharged, Nitrous Oxide.
- Fuel: Diesel, Petrol, E85, Ethanol or Methanol.

OPEN CLASS

- **Engine:** Any number of cylinders permitted.
- Naturally Aspirated or standard OEM Supercharged / Turbocharged (i.e. factory standard LSA, XR6 Turbo etc.).
- **Fuel:** Diesel, Petrol, E85, Ethanol or Methanol.

SPORTSMAN CLASS

- **Engine:** Must be less than 8 cylinders.
- Naturally Aspirated only.
- **Fuel:** Diesel, Petrol, E85, Ethanol or Methanol.

Nitrous Oxide is not permitted in OPEN CLASS and SPORTSMAN CLASS.

(Note: Minimum 12-month suspension for competitors caught illegally using Nitrous in Open Class).

If an OPEN CLASS or SPORTSMAN CLASS competitor places in the top 5 at a bona fide Burnout Competition Event, they may enter the next class above at future Burnout Competition Event

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Vehicles

1. Vehicle - General

- 1.1 Vehicle means – Any four wheeled Sedan, Coupe, Wagon, Ute, Van or Commercial.
 - Convertibles must compete with top up and must be surely fastened - open vehicles are not permitted.
 - Vehicles do not have to be Street Registered.
- 1.2 Vehicles of both monocoque construction and Space-Frame chassis are permitted.
- 1.3 The front firewall/bulkheads may be modified were required to allow room for the fitment of alternative engine/gearbox assemblies. Any holes in the Firewall must be plugged. Modified Floor pan/Fire wall and Tunnel to be inspected by an Andra technical inspector for approval
- 1.4 Tubbing of the rear fender wells and relocation of suspension mounts for fitment of tyres is permitted.
- 1.5 Bonnets Optional where no mechanical fan is present.
 - However, any vehicle without a bonnet must have a presentable engine bay and must have radiator top tank and/or expansion tank securely covered.
- 1.6 Radiator to be in original location for engine used.
 - Additional radiators, tanks and hoses must be located outside the driver's compartment
 - radiator top tank and/or expansion tanks must be covered if open.

Burnout Vehicles with highly modified* non-original firewall/floor pan and/or non-OEM power adders such as Superchargers / Turbochargers, Nitrous Oxide and/or using Methanol or Ethanol as a fuel will be required to undergo an ANDRA Burnout Vehicle Technical Inspection and will be issued an ANDRA

- * Highly modified firewalls can be determined by a Tech Inspector.

2. Presentation and Appearance

- 2.1. All vehicles must have a front windscreen, other windows are optional.
- 2.2. Doors must be able to be securely latched, outer door handles must be visible and operative.
- 2.3. While not mandatory, paintwork should be in neatly presented condition. Body and all external accessories to be fitted neatly. It is preferable that no dents or damage should be identifiable from approx. 15 metres.
- 2.4. Any vehicle that is presented with excessive rubber marks from a previous burnout event may be moved forward in the seeding and may be placed in the first session at subsequent burnout events regardless of overall result.

3. Interior

- 3.1. Complete interiors are recommended however if any Trim is removed, all sharp edges must be covered. (door trims or fabricated cover should be fitted)
- 3.2. Driver and passenger doors must remain operative.
- 3.3. Minimum lap sash seat belt for driver and passenger.
 - Lap sash should be 3-point fully operative
- 3.4. Seats to be in good supportive condition and have all mounting bolts fitted.

4. Batteries

All wet cell batteries must be located outside of the driver or passenger compartments and must be securely mounted. Dry Cell or Lithium Polymer (LiPo) battery packs may be located in passenger compartment area providing they are encased in a sealed box that is securely mounted to the vehicle and is vented externally of the vehicle. Box must be made of a minimum 3 mm Aluminium (or other material of equal or greater strength) and may have a panel or lid fitted for access providing the lid or panel has an air-tight seal and is securely fastened to the box. A 75 mm (3 inch) equilateral triangle, coloured blue, or another contrasting colour where necessary, is required on all vehicles fitted with a battery or batteries to accurately indicate their location/s.

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5. Fluids

- 5.1. Engine and Underbody must be free from any oil or coolant leaks.
- 5.2. Minimum 600ml capacity coolant overflow Tank/Bottle that must be held securely in place.
- 5.3. Fuel cells/tanks and battery's must be isolated from driver and passenger compartment.
- 5.4. No liquid/fluids to run through cabin area unless fully enclosed in steel housing and approved by Scrutineers.
- 5.5. No sprayers to be used anywhere on the vehicle, including, but not limited to, tyres, radiators, or intercoolers.

6. Mechanical

- 6.1. Vehicles with automatics gearboxes must have an operational neutral safety switch.
- 6.2. Battery to be secured with a clamp or bracket (it is a requirement to have a clearly marked isolation switch).
- 6.3. Cars with aftermarket power adder must have a transmission shield or blanket – (highly recommended for other classes).
- 6.4. Tail shaft Loop with 360-degrees of enclosure, minimum 3mm thickness and 50mm width, installed within 150mm from front universal joint.
- 6.5. Rear wheels must be in reasonable condition free from cracks and/or excessive wear. Wheels nuts must be the type designed for the wheel used. Steel Rims highly recommended
- 6.6. Bald tyres will not be permitted. A minimum of 1.0mm of tread is required.
- 6.7. Driven Wheels must be covered by standard mudguard fitment as a minimum.
- 6.8. Hubcaps/trims/wheel weights MUST be removed from driven wheels.
 - Wheel nuts must be standard for the wheel used.
 - Mag wheel nuts not permitted on steel rims.
 - No flammable gases may be used to inflate tyres.

7. Exhaust/Muffler

- 7.1. Exhaust may terminate at the Header Collector flange.
- 7.2. Mufflers optional.
 - Burnout Competition Events Only – Street Events require and effective muffler
- 7.3. No side pipes or side outlets permitted.
- 7.4. Aftermarket Turbocharged vehicles may have the exhaust exit through the bonnet but it must be vertical.

8. Additional Considerations for Power Added High (Supercharged, Turbocharged, Nitrous Oxide) High Performance Vehicles

- 8.1. Supercharger belt guard, approved restraint system from a known manufacturer and aluminium shear-mounting studs are required for all 'out-of-bonnet' aftermarket Superchargers.
- 8.2. Harmonic balancer, meeting SFI 18.1 requirements and must be surely retained using a bolt.
- 8.3. Manual transmissions are highly recommended to have a clutch shield or steel Bell Housing.
- 8.4. Mechanical fuel injection must have fuel shut off that is operational from driver's compartment.
- 8.5. A 4 Litre engine oil puke tank Minimum.

9. Changes After Scrutineering

- 9.1. No changes to be made after the vehicle has been scrutineered unless vehicle is to be checked by a scrutineer again.
- 9.2. If a competitor changes their exhaust system after scrutineering, they may face disqualification and/or suspension.
- 9.3. If a competitor entering in Sportsman Class or Open Class is found to have engaged a Nitrous Oxide system after scrutineering, they may be suspended for a minimum of 12 months.

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10. Nitrous Oxide Regulations

Competitors are reminded of the dangers associated with the incorrect use of Nitrous Oxide. It is highly recommended that systems are sourced in complete form, from a recognised manufacturer. The following regulations apply; Nitrous Oxide lines must be outside of driver's compartment, except where the bottle is mounted in the driver's compartment, in which case the lines must be plumbed outside the compartment as near as possible to the bottle outlet. Where lines pass a torque converter or Flywheel, they must be encased in 3.0 mm (1/8 inch) minimum thickness Steel tubing.

High pressure rated hose of minimum 1500 psi is required for plumbing Nitrous Oxide lines, and a sintered bronze or Stainless Steel (Industry Standard) filter, fit for purpose, must be fitted in the gas supply line.

Bottle Mounting:

Bottles must be mounted outside of the engine compartment. Any bottle located in the driver's compartment must be mounted with metal brackets secured to a structural point of the vehicle, and a relief valve, vented outside the driver's compartment, to the atmosphere.

Bottles should be mounted to manufacturer's specification.

Bottles must be equipped with on/ off taps.

Bottle shut-offs requiring special keys are not acceptable.

Bottles used must be purpose built for use with Nitrous Oxide.

Electronic devices used for raising the temperature of Nitrous Oxide bottles must be used if produced for that purpose by an industry manufacturer, they may not be modified in any way.

Switching:

Both solenoids must operate from a common switch and the system must be capable of being switched off by three means;

- 1) Throttle closed switch.
- 2) Solenoid power arming switch.
- 3) Vehicle ignition switch.

Markers:

All vehicles using Nitrous Oxide must display markers located on the outside of the vehicle, in the vicinity of the supply bottle and in the top left corner of the front windscreen.

The marker shall be a yellow diamond, with N2O printed in black letters. These are available from ANDRA.

Warning Light:

A prominent blue warning light must indicate when the system is armed. This light must be visible to the driver of the vehicle when in a racing position.

SPECIAL NOTE FOR ROAD REGISTERED VEHICLES ONLY:

The Western Australian laws pertaining to Nitrous Oxide installations in road-registered street cars while driving on WA roads: ***Nitrous oxide injection systems must not be fitted. This prohibition includes a partial installation or a disconnectable nitrous oxide system that is fitted to the vehicle ready for use.***

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Credential Sign In

11. Entrant Sign-On (Scrutineering)

- All Drivers, Passengers and Crew MUST have photo ID to sign in
- Driver and Passenger must complete ALL required indemnity forms before they can sign in before they can compete.

12. Alcohol Maximum Acceptable Limits

Random Breath Testing (RBT) will be conducted on Drivers, Passengers, and crew

Drivers:

Allowable level for drivers is 0.00 at the time of sign in and 0.00 at the time of the Burnout.

Passengers:

Allowable level for passengers is 0.00 at the time of sign in and 0.00 at the time of the Burnout

Any driver or passenger failing the above will not be able to take part in that event – no further penalty shall be imposed.

Conduct

13. Competitor Courtesy and Driving Standards

- 13.1. Every competitor deserves the right to compete on a relatively dry, debris-free pad. Therefore, each competitor is expected to have a level of respect for their fellow burnout competitor.
- 13.2. If you know your car is about to leave oil or coolant all over the pad, please exit as soon as possible.
- 13.3. Once any competitor has entered the pad via the entrance road for their competitive burnout skid, the boundaries of the burnout pad are the walls and the entry and exit chutes.
 - Penalties may apply for any infractions until a competitor has completely left the pad.
- 13.4. Any competitor performing a burnout on the return road or pit area may result in disqualification and/or suspension.
- 13.5. A competitor must begin their burnout at their scheduled position. Failure to do so and doing their burnout out-of-order will result in a points penalty.
- 13.6. If a burnout goes longer than two (2) minutes, it is at the officials' discretion to end the session.
- 13.7. A driver and passenger must keep their torso within the confines of the vehicle. The passenger must remain in a position to be restrained by the seatbelt. The passenger cannot go any further than the left armpit past the windowsill and some part of the helmet must stay within the confines of the car. If the entire helmet exits the confines of the vehicle, the competitor may result in disqualification and/or points penalty.
- 13.8. No components of the vehicle may be disconnected or opened during the burnout. Breach of this rule may result in points reduction and/or suspension.
- 13.9. If the driver behaves erratically on the pad the Burnout will be stopped and future passengers may not be approved.