



# Burnout Competition Regulations & Safety Manual

Revised May 2022

## **ENTRANT CREDENTIALS and REGISTRATION**

- All competitors must hold a current IHRA Australia BURNOUT Licence and Logbook (Competition Events , Off Street events Civil Drivers Licence ok for Street/Modified)
- IHRA Australia BURNOUT Licence Logbook available at all events which are sanctioned under IHRA Australia. (Off Street events Civil Drivers Licence ok for Street/Modified)
- IHRA Australia may take your sticker, if the vehicle has been in an accident and has sustained structural damage, you will not be able to compete until damage has been repaired and signed off by an IHRA Australia Official.
- All drivers must complete all the relevant Event entry and indemnity forms before competing.
- 100% vehicle scrutineering audit at all events.
- Vehicle doesn't require registration, but will require a Logbook (Highly Modified/Pro Comp) and all vehicles must pass scrutineering safety check. ( Street/ Modified/ Pro)
- Appointed scrutineers will have the final say when auditing vehicles
- Failure to produce a current IHRA Australia BURNOUT and Logbook at a (competition) event will be subject to Licence / Logbook Declaration form being completed with fees being applied.
- Any driver under 18-years of age must be accompanied by a parent/legal guardian and their entry form must be accompanied by a Parent/Guardian Acknowledgement of Risk including Waiver, Release and Indemnity which must be completed and signed by the parent/legal guardian in the presence of, and witnessed by a registration official.
- Parents/Guardians must present photo identification
- **NOTE:** *A legal guardian must be either a parent or a court-appointed guardian. Siblings, friends or neighbours will not be accepted as guardians unless court documents can be provided as evidence*

### **BREATH TESTING WILL BE CONDUCTED ON ALL DRIVERS AND CREW**

*Any driver/crew returning a measurable reading above .000 will be excluded from the Event*

## **BURNOUT PASSENGERS**

(Passenger rides are available at some events; please contact your Track Venue for more information)

- Passenger rides will include a fee; contact your Track Venue for more information.
- All safety equipment required for drivers is also required for passengers.
- All passengers must be over the age of 18 (no exceptions)

## **DRIVING STANDARDS**

- Burnouts must be contained within the confines of the BURNOUT pad only
- Burnouts must not continue onto – or be conducted on – the entry or exit road areas.
- No vehicle is to be placed against a safety wall in order to perform a static burnout
- Drivers must stop immediately when directed to do so by a fire marshal or official
- Driver must remain wholly within the vehicle and at the controls at all times while the vehicle is in gear with the engine running

## CONDUCT

- Participants are to take steps to avoid making contact with the concrete barriers
- The burnout will commence when you are instructed by an official
- Seatbelt must remain on and Legs and Torso must remain in vehicle while burnout is happening. If caught your burnout will be stopped, and you will be required to leave the pad
- Where a competitor is “red flagged” the competitor is to immediately cease the burnout. This may be due to but not limited:
  - I. A major tyre or engine fire or fire within the vehicle cabin.
  - II. An identified serious mechanical issue with the vehicle.
  - III. A fire crew member or major debris on the pad and deemed unsafe.Irrespective of reason. When a vehicle is “red flagged” the driver must cease the burnout immediately. Red Flagged – this term refers to the notification by red flag and/or red strobe light to the driver and passenger that the vehicle must cease their activities.
- If a vehicle is “red flagged” for a fire, the driver of the vehicle must not attempt to re-start the vehicle once extinguished. If the Safety crew is satisfied for the vehicle to restart, they may, if not the vehicle will be pushed or towed out of the burnout pad by the recovery team.
- When the burnout blows the tyres off the rims the driver shall drive out of the burnout pad as directed.
- Failure to listen to IHRA / DRAGWAY Staff will lead to you being ejected from the event and possible fine and/or licence SUSPENSION
- If driver breaks any rules and/or displays any inappropriate behaviour their licence may be taken and will be refused entry to future events, until any disciplinary actions or fines have been paid, then licence will be reinstated.

**NOTE: NO VEHICLE SHALL LEAVE THE BURNOUT AREA AND ATTEMPT TO ENTER THE CRUISE ROUTE OR PUBLIC ROAD ON RIMS ALONE. ANY DRIVER ATTEMPTING TO DO SO FACE EXPULSION FROM THE EVENT**

***Any breaches of the above rules will result in Disciplinary Action and Licence Suspension.***

## CLOTHING & HELMET

- Long pants and long-sleeved upper body garment shirt (no nylon clothing)
- Enclosed shoes and socks
- Helmet must meet AS/NZS 1698:2006 or AS/NZS 1698 as a minimum
- Strictly NO – German Style Military, Shorty, or Skull Cap style Helmets ALLOWED
- NOTE: Sleeves must be down before, during and after the burnout and until the car is parked and engine turned off.
- ***If your vehicle is fuelled by Methanol OR High End Pro Comp Vehicle Race Driving suit required. \*SEE REFERENCE GUIDE***

**SCRUTINEERING – General Points**

- Competitors IHRA Australia Licence and Logbook must be signed at each event by accredited scrutineer/official.
- General safety check covering throttle and ignition operation / containment of hot fluids under – bonnet / integrity of engine driven fans / all pipes and hoses carrying flammable liquids
- Secure door locks / fuel caps / batteries. Outer door handles must be visible and operative.
- Roll Cages accepted once approved by IHRA Officials
- Front windscreen, fixed windows required, moving glass operational
- No hub caps / wheel trims / wheel weights. All must be removed.
- Where throttle linkages run through body panels, they should be protected from fouling in the case of a collision.
- Return Springs must be in full working order.
- Neat street – style appearance required
- Automatics must have an operational neutral safety switch/(must not start in any gear)
- No oil leaks
- Minimum 600ml coolant overflow tank/bottle
- Minimum 3 point lap-sash Australian Standards seat belt
- Seat must be in good supportive condition and have all mounting bolts fitted
- No liquid to run through vehicle's cabin area unless fully enclosed in steel housing or Industry standard braided lines and fittings – approval by appointed scrutineers
- Battery to be securely mounted (NO RACHET STRAPS).
- Battery may be mounted in the vehicles cabin providing they are encased in a sealed box that is securely mounted to the vehicle and is vented externally; boxes must be made of minimum 3mm aluminium or other material of equal or greater strength. Box must have an air tight lid. \*SEE REFERENCE GUIDE
- ***Highly Modified and Pro Comp Classes require Battery isolation switch mounted externally on vehicle with a 3" x 3" Blue Triangle marking the battery/key location.***
- Methanol/Ethanol or petrol based fuels only permitted.
- Modified/Professional or with Aftermarket Turbo – Aftermarket Supercharger - transmission shield or blanket or approved aftermarket transmission case appropriate plating to contain any debris. SEE REFERENCE GUIDE
- Bonnets may be removed only if fitted with electric fan ONLY
- Fuel cells/tanks must be isolated from vehicles cabin area
- No fluids permitted on tyres (including squirters).
- Tyres can only be inflated with natural air; no other chemical or gas may be used to inflate tyres
- Fire Extinguishers Mandatory in all vehicles
- Any modified floor pan/fire wall and tunnel to be inspected by IHRA Officials for approval
- Tail shaft loop recommended but not mandatory width 50mm, installed within 150mm front universal joint
- Driveline protection required on Modified and Professional Classes with approval by IHRA Officials.
- Tyres must be road worthy; bald tyres will not be permitted
- Wheel nuts must be standard open nuts; mag wheel nuts not permitted on steel rims.
- No convertible vehicles permitted.
- No changes are to be made to the vehicle after the vehicle has been scrutineered unless the vehicle is scheduled to be rechecked before entering competition.
- IHRA Australia may take your Tech sticker, if the vehicle has any structural damage and you will not be allowed to compete until vehicle has been repaired and re-Teched by an IHRA Official

**PROFESSIONAL PURPOSE BUILT COMPETITION VEHICLES (ELITE BURNOUT VEHICLES)**

- Blower belt guard and restraints required for all 'out of bonnet' superchargers
- Mechanical fuel injection must have fuel shut-off operational from driver's compartment
- Manual transmission must have a clutch shield or appropriate plating to deflect/contain any debris
- SEE REFERENCE GUIDE

*\*Reference Guide (To assist competitors with information of products and standards available)*

- *Helmet Standard AS/NZS 1698:2006 or AS/NZS 1698*
- *Driving Suit Standard SFI 3.2A/5 or FIA 8856-2000 (Mandatory for all classes – Summernats provide free suits.*
- *Balaclava SFI 3.3 or FIA 8856 (PRO Vehicles Only)*
- *Gloves SFI 3.3/5 or FIA 8856-2000 (PRO Vehicles Only)*
- *Shoes Boots SFI 3.3/5 or FIA 8856-2000 (PRO Vehicles Only)*
- *Socks SFI 3.3 or FIA 2000 (PRO Vehicles Only)*
- *Underwear SFI 3.3 or FIA 8856 (PRO Vehicles Only)*
- *Battery Box - Moroso sealed battery box part no. 74050*
- *Harmonic balancer meeting SFI 18.1 Standards (PRO)*
- *Aftermarket Transmission Case SFI 4.1*

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**FIRE and SAFETY**

4 Hour Event

40 – 50 cars mainly street only

5 Pro Cars

Requirements

- 4 x Fire Crew in Full Fire Uniform on the pad.
- 2 x Fire Extinguishers (Dry) each; they need to be replenished when needed.
- Fire Safety vehicle parked at the burnout pad.
- 6 x back up cold fire extinguishers in shed
- 20 x back up dry extinguishers in shed
- 10 x back up foam extinguishers in shed
- Breath testing for every competitor and passenger per skid
- 1 x Ambulance with 1 paramedic
- 1 x EMT set up near Pad
- 1 x EMT with a bag in the spectator area.

The difference with a third party operator e.g. Brashernats and Summernats is the burnouts go for 8 to 12 hours.

Extra fire crew to rotate around, so the fire guys can have a rest as they are all decked out in full fire uniform and it is hot. Plus these events have a lot more Pro Cars and not many street cars.

Note: Recommended separate 1000 litre water truck/trailer on site.