

### **Super Compact Eliminator**

All Super compact Eliminator classes have been placed into the Competition Eliminator bracket and Super Compact as a separate Eliminator has been discontinued.

### **Super Street – Designations**

Super Street has been split up into three designations reflecting the vehicle performance, vehicle age and vehicle Log Book requirements. All elapsed times listed in the below table are applicable to 1/8<sup>th</sup> mile equivalents. All three vehicle designations will in the S/ST eliminator.

| Designation | Vehicle Performance/Specification                  |
|-------------|--|
| S/STA       | 10.00-10.99 seconds / 1/4 mile                     |
| S/STB       | 11.00-12.99 seconds / 1/4 mile                     |
| S/STM       | 10.00-12.99 seconds / 1/4 mile, Modern Street Cars |

Vehicles competing in S/STA must have a valid Technical Inspection and a valid Log Book. Vehicles competing in S/STB and S/STM may have a Technical Inspection and Log Book but it is not a requirement.

### **Modified Sedan, C/Altered, C/Dragster and G/Gas – Rewording for clarity**

“A maximum of two Genuine Repairs, to a maximum of two-cylinder intake or exhaust runners or combustion chambers, in any one head casting are allowed”

### **Definitions**

For the purposes of the rulebook, nine definitions have either been altered or added as follows:

Car:

A four-wheeled vehicle used to transport a person, powered by an internal combustion engine or electric motor.

Motorcycle:

A vehicle, with two wheels that are in-line with each other, used to carry a person powered by an internal combustion engine or electric motor.

Power adders:

Can be in three different forms; belt or gear driven supercharging, exhaust gas/electric driven turbocharging and Nitrous Oxide (N<sub>2</sub>O). Each form of “power adder” is directly related to relevant, specific requirements including safety and class regulations.

Removable Rollcage:

A roll cage with a removable section or component.

Silencer:

A device fixed to the exhaust of a motor vehicle to reduce the loudness of the exhaust noise.

Spoiler:

An aerodynamic device mounted directly to the body surface of a vehicle such that air only passes over its upper surface. The same as a deck wing.

Supercharger / Blower:

An air compressor that increases the pressure or density of the air/fuel mixture supplied to an internal combustion engine. A supercharger is driven by the rotation of the engine via a belt drive or by gears.

Unmodified Production Motorcycle:

A motorcycle which is in OEM manufactured specification, excepting minor modifications. A standard swingarm for the model, forks, brake callipers and road legal tyres must be utilised and the original wheelbase of the motorcycle must be maintained. Alterations outside of this render the motorcycle ineligible as an Unmodified Production Motorcycle.

Wedge Cylinder Head:

A cylinder head that, due to its design, creates a wedge shaped combustion chamber when viewed in cross-section.

Open Vehicle Cooling System – Reworded for clarity

In a rear engine dragster, where a radiator is mounted in front of the engine, a deflector plate must be installed. The deflector plate must be installed in front of the radiator and fixed to the lower left and lower right frame rails and to a suitable upper chassis/roll cage tube. The deflector plate must be without openings in the shoulder plate and be suitable for its intended application; deflecting coolant away from the driver in the case of an uncontrolled coolant release. Any openings for cables, wiring etc. must be below the shoulder plate.

**Coolant – No Glycol allowed**

In liquid cooled engines, a non-glycol based coolant suitable for motorsport use **must** be used.

### **Fuel Note – Addition to the note on component coverage**

NOTE: In all cases where a fuel tank or fuel lines may be exposed to fire, it is recommended that preventative shielding and external venting be used. Components that can produce intense fires, when failed, such as the failure of a head gasket, must be shielded from igniting fuel system components or oil lines.

### **Throttle – Additional information on where to measure the minimum pull of the throttle arm return spring**

Each car, regardless of class, must have a foot throttle, incorporating positive action return spring/s attached directly to the throttle-arm and must register a minimum pull of .9 kg (2lbs) measured at the driver's throttle control.

### **Rootes superchargers – Additional information pertaining to Modern Street Cars**

If a vehicle which is supercharged with a Rootes type supercharger is quicker than 11.00 seconds ¼ mile (10.00 seconds ¼ mile for Modern Street Cars) the supercharger must be fitted with end plates of a minimum thickness. Front: 6mm (1/4 inch)  
Rear: 7.62mm (.300 inch)

### **Nitrous Oxide – Additional mounting information**

Bottles should be mounted to manufacturer's specification.

### **Auto Trans Protection – SFI 4.1 Transmission shields**

The following vehicles using automotive based automatic transmissions, must be fitted with an SFI approved ballistic blanket or an external protective shield. Any transmission shield meeting SFI 4.1, must be installed to manufacturers requirements. Transmission cases meeting SFI 4.1 are required to be fitted as per the manufacturer's specifications and no shield is required where used.

### **Automatic Transmission Shifters – Details on starting**

All vehicles using an automotive based automatic transmission, with a torque convertor, must be equipped with a positive reverse lockout, and a neutral start switch.

In vehicles where a remote starter motor is used, the vehicle must not be able to be started with the transmission in a forward or reverse gear. The use of a transmission brake is acceptable on startup; however, the transmission must have operating pressure within it for effective operation.

### **Trim – Additional details for clarity**

Where permitted by class regulations, door trims, dashboard crash pads and other trim maybe removed. In all cases, the areas where trim has been removed from must be either re-trimmed with a metal or composite material and any sharp edges covered. This must be done to the extent that the risk of injury to the competitor or passenger is not increased.

### **Rollcage Fabrication – Full welded and Removable Rollcage Specifications are now in separate documents for clarity**

See either the Removable Rollcage Specification or the Welded Rollcage Specification on the ANDRA website under, Technical – Policies and Guides for fabrication details and fabrication requirements of all Rollcage structures.

### **Rollcage Registration**

Any Rollcage with a removable section must be registered with ANDRA. This includes fully welded rollcages with removable Side Intrusion Bars.

The registration form can be found on the ANDRA website under, Technical - Policies and Guides.

### **Rollcages with Removable Sections**

Any section of Rollcage that is removable must meet the Removable Rollcage Specification in force at the time of its fabrication.

### **Removable Rollcages**

A complete design specification for a removable rollcage is available for download from the ANDRA website under, Technical - Policies and Guides.

There have been a number of improvements to the Removable Rollcage Specification since its introduction. This has led to a Major revision as of 01.01.2017 and minor ongoing revisions. Removable Rollcages built at the time of a previous specification being in-force, will be legal for use in competition as long as they meet the Specification in-force at the time of rollcage fabrication or a later specification.

### **Welded Rollcage**

A complete design specification for a welded rollcage is available for download from the ANDRA website under, Technical - Policies and Guides.

### **Roll bar padding – Addition of Halo type seat details**

Additional padding mounted on flat stock and fastened to the roll cage on both sides of the driver's helmet is mandatory in all cars faster than 225mph. Padding must be securely mounted and include a flame-retardant covering. Padding meeting SFI 45.2 recommended. Vehicles with FIA or SFI rated seats with a built in "halo" are exempt from this regulation.

### **Tyres – Additional information on tyre measuring and radial construction**

Tyres must be considered free of defects prior to any run. All treaded tyres must have a minimum tread depth of 1.6mm (1/16 inch). In classes with tyre width limits, the tread surface will be measured in all cases. All vehicles exceeding 160 mph (255 kph) are required to use tyres specifically built for drag racing use. Only Dragsters, Altereds and motorcycles may use motorcycle tyres. All tyre measurement will take place with racing pressure in the tyres.

Note: Radial tyres marked "Not for Highway Use" and other tyres marked as "Drag Radials" may not be manufactured using with radial construction processes. The onus is on the competitor to ensure that they are aware of the true construction of their tyres and are abiding by the applicable regulations.

### **Burnouts – Additional information for clarity**

NOTE: Once a vehicle has fired and moved, touching the vehicle in any way is not permitted unless a crew person or official is in clear communication with the driver or rider.

NOTE: Dataloggers may be turned on prior to the vehicle being in full stage.

### **Lifting Devices – Additional information on usage**

Any device used for raising a vehicle's drive wheel/s off the racing surface whilst in the hands of the starter is prohibited, except Top Fuel Motorcycle. Engines may not be started while driving wheels are raised and not supported by adequate jack stands. Competitors in Junior Dragster and Motorcycle classes may have one of their crew move the rear wheel(s) sideways to align the vehicle appropriately prior to staging.

### **Helmets- Helmet expiry table for clarity**

| Helmet specification        | Helmet Expiry (Up to and inclusive of)   |
|-----------------------------|--|
| AS/NZS 1698:2006, ECE-22.05 | 10 Years post manufacture date. Earlier if deemed unsuitable due to condition  |
| FIA 8860-2004               | 31.12.2020 or 10 Years post manufacture date, whichever is earlier. Earlier if deemed unsuitable due to wear or damage condition |
| FIA 8856-2010               | 31.12.2023 or 10 Years post manufacture date, whichever is earlier. Earlier if deemed unsuitable due to condition                |
| FIA 8860-2010               | 10 Years post manufacture date or earlier if deemed unsuitable due to condition  |
| FIA 8859-2015               | 10 Years post manufacture date or earlier if deemed unsuitable due to condition  |
| SFI 31.1 / 41.1             | 10 Years post manufacture date, earlier if deemed unsuitable due to condition  |
| SNELL SA2010                | 31.12.2021 or 10 Years post manufacture date, whichever is earlier. Earlier if deemed unsuitable due to condition                |
| SNELL SA2015                | 31.12.2026 or 10 Years post manufacture date, whichever is earlier. Earlier if deemed unsuitable due to condition                |
| SNELL SAH2010               | 31.12.2021 or 10 Years post manufacture date, whichever is earlier. Earlier if deemed unsuitable due to condition                |
| SNELL M2010                 | 31.12.2021 or 10 Years post manufacture date, whichever is earlier. Earlier if deemed unsuitable due to condition                |
| SNELL M2015                 | 31.12.2026 or 10 Years post manufacture date, whichever is earlier. Earlier if deemed unsuitable due to condition                |

### **Protective Clothing – Protective jacket recommendation**

Sedans slower than 11.00 seconds (1/4 mile or 1/8 mile equivalent), Modern Street Cars slower than 10.00 seconds (1/4 mile or 1/8 mile equivalent).

- Long sleeve top & full length trousers as a minimum, Jacket meeting SFI3.2A/5 or FIA8856 recommended
- Enclosed shoes and socks as a minimum
- No minimum requirement for gloves

### **Harness Requirements – Tabulated for clarity**

A: Quick Release lap sash 3-point to E35 or AS/NZS 2596

B: 4-point to E35 or AS/NZS 2596

C: 5-point to SFI 16.1 or FIA 8853\*

D: Centre Locking 5-point, V type to SFI 16.1 or FIA 8853\*\*

E: Centre Locking 5-point or 6-point, V type to SFI 16.1

\* Constructed with a minimum shoulder webbing width of 3 inches (75cm) and a minimum of 2 inch(50cm) wide waist and crotch webbing.

\*\* minimum webbing width 3 inches (75cm), or webbing width as per the manufacturers requirements complying with SFI 16.1 when used with an approved head/neck restraint system.

| Harness Requirements by Vehicle Performance / Specification  |               |
|--|---------------|
| Cars slower than 12.00 1/4 mile and Modern Street Cars slower than 10.00 1/4 mile  | A, B, C, D, E |
| Cars quicker than 11.99 1/4 mile and/or faster than 110mph   | B, C, D, E    |
| All Modified Eliminator cars slower than 150mph. Cars faster than 130mph.  | C, D, E       |
| All rear engined dragsters (Excluding JDs) and all Modified Eliminator cars between 150mph and 200mph. All cars with a known performance of faster than 200mph | D, E          |

### **Harness Expiry – Tabulated for clarity**

| Vehicle Performance   | Harness Expiry   |
|---|--|
| Cars slower than 12.00 quarter mile or modern street cars slower than 10.00 quarter mile.                             | No expiry, except where harness has been used in a significant crash or has other damage   |
| Cars quicker than 11.99 1/4 mile and/or faster than 110mph  | No expiry, except where harness has been used in a significant crash or has other damage   |
| All Modified Eliminator cars slower than 150mph. Cars faster than 130mph.   | 10 years from date of manufacture or 5 years from its use by date, whichever is sooner. And when harness has been used in a significant crash or has other damage              |
| All rear engine dragsters (excluding junior) and all Modified Eliminator cars between 150mph and 200mph maximum speed | 10 years from date of manufacture or 5 years from its use by date, whichever is sooner. And when harness has been used in a significant crash or has other damage              |
| All vehicle with a known performance of 200mph or more maximum speed  | If SFI 16.1; 3 years from date of manufacture or on expiry date, whichever is sooner. If FIA 8853-98, 5 years from date of manufacture or on expiry date, whichever is sooner. |

### **Pour-in seats – Additional requirement post 01 July 2018**

Top Fuel and Nitro Funny car seats must be foam formed with energy-absorbing material to the driver's body. **Outlaw Nitro Funny Car, Nostalgia Top Fuel, Top Alcohol Funny Car, Dragster and Altered seats must be foam formed with energy absorbing material to the driver's body, this is recommended from 01 July 2017 and mandatory from 01 July 2018.**

### **National Championship Points Allocation**

To be eligible for any award, trophy or prize offered for an ANDRA sportsman national championship the competitor must have competed outside of their home division in at least one round of their ANDRA national sportsman championship. This includes but is not limited to eligibility for trophies, financial reward, prizes.

If an event is abandoned all entrants in attendance at the event will receive a minimum of 20 points.