



# VEHICLE TECHNICAL, SAFETY & SUPPLEMENTARY REGULATIONS

**EDEN VALLEY HILLCLIMB 2015** 



# **GLOSSARY**

TERM	MEANING	
CAMS	Confederation of Australian Motor Sport	
CAMS Manual	CAMS Manual of motor sport	
CRO	Competitor Relations Officer	
Driver	The driver of a competition vehicle	
Event	Eden Valley Hillclimb	
NCR	National Competition Rules	
Organiser	Auto Corsa Group	

# **TABLE OF CONTENTS**

1. ABOUT THE EVENT	5
1.1. AUTHORITY	5
1.2. EVENT DESCRIPTION	5
1.3. EVENT ORGANISER DETAILS	5
2. PRE EVENT INFORMATION	6
2.1. EVENT STRUCTURE	6
2.1.1. CATEGORIES	6
2.1.2. CLASSES	6
2.1.3. AWARDS	7
2.2. APPLICATION AND ENTRY PROCESS	7
2.2.1. ENTRY FEES	7
2.3. CREWS	8
2.4. DRIVER SUBSTITUTION	8
2.5. LICENCING	8
2.6. INSURANCE	8
2.7. ALCOHOL, DRUGS AND OTHER SUBSTANCES	9
2.8. PROMOTIONS AND COPYRIGHT	9
2.9. ABANDONMENT	9
3. AT THE EVENT	9
3.1. ON EVENT LOCATIONS AND CONTACTS	9
3.2. EVENT SCHEDULE	10
3.3. EVENT OFFICIALS	10
3.4. DOCUMENTATION	10
3.5. SCRUTINEERING	11
3.6. SERVICE CREWS	11
3.7. DRIVER BRIEFING	11
4. DRIVER AND VEHICLES	12
4.1. DRIVER APPAREL	12
4.2. VEHICLES	12
5. RUNNING OF THE EVENT	13
5.1. COURSE CARS	13

5.2. RUNNING ORDER AND CLASSES	13
5.3. START PROCEDURE	13
5.4. ON EVENT CATEGORY FORMAT	14
5.5. TIMING AND RESULTS	14
5.6. OVERTAKING	14
5.7. PHYSICAL CHICANES	14
5.8. INCIDENT ON COURSE	14
5.9. WITHDRAWING FROM, OR REJOINING, THE EVENT	15
5.10. SPEED LIMITS	15
5.11. RE-GROUP, SERVICE AREA AND REFUEL ZONES	15
5.12. PROTESTS	15
5.13. PENALTIES	16

# 1. ABOUT THE EVENT

# 1.1. AUTHORITY

The Eden Valley Hillclimb (the Event) will be run in accordance with the following rules and regulations:

- Held under the International Sporting Code of the FIA and the National Competition Rules of CAMS
- The Event will be conducted under and in accordance with CAMS OH&S and Risk Management Policies, which can be found on the CAMS website at www.cams.com.au
- CAMS Manual of motor sport
- The Speed Event Standing Regulations, these Vehicle Technical, Safety and Supplementary Regulations; and
- Any Further Regulations, or Bulletins or Competitor Advice that may be issued by Auto Corsa Group for the Event.

It is the Driver's responsibility to ensure they have read and understood and adhere to these documents, policies and regulations.

The Event will be subject to CAMS Permit Number 515/1312/01.

# 1.2. EVENT DESCRIPTION

The Event is a single-day multi-club driver-only hillclimb competition.

The Event will be conducted on Sedan Road (Stott Highway), Keyneton on Sunday 13 December 2015 on a single closed road, all tarmac course of approximately 3.5 competitive kilometres, run 5 times in one direction.

The Event will be conducted entirely within a closed road environment, therefore competing vehicles do not require civil road registration if trailered to the Event.

# 1.3. EVENT ORGANISER DETAILS

ITEM	DETAILS / LOCATION
Event Organiser	Auto Corsa Group Pty Ltd
	Street Address:
	60 Siddeley Street
	Docklands VIC 3008
	Ph: +61 (0) 499 442 899
	Email: info@autocorsa.com.au
	Mailing Address:
	Auto Corsa Group Pty Ltd
	PO Box 23474
	Docklands VIC 8012
	Email: info@autocorsa.com.au

# 2. PRE EVENT INFORMATION

# 2.1. EVENT STRUCTURE

# 2.1.1. CATEGORIES

The categories for the Event will be:

CATEGORY	YEAR FROM	YEAR UP TO
Hillclimb 2WD	1900	2015
Hillclimb 4WD	1900	2015

# 2.1.2. CLASSES

The classes for the Event are outlined in the table below.

These classes are based on actual engine capacity, plus index corrections for petrol forced induction (x1.7), diesel forced induction (x1.5) and rotary engine (x1.8).

CLASS	CAPACITY FROM (CC)	CAPACITY UP TO (CC)	DRIVE	TYRES
Α	0001	1600	2WD	Free
В	1601	2000	2WD	Free
С	2001	3000	2WD	Free
D	3001	4500	2WD	Free
E	4501	OVER	2WD	Free
F	0001	OVER	4WD	Free
G	0001	OVER	2WD	Gravel only
Н	0001	OVER	4WD	Gravel only

Important: If you are entering in Class G or H (Gravel tyres only) please email us at info@autocorsa.com.au to let us know.

This will ensure your entry is classed accordingly.

The actual capacity (before index corrections) for Mazda rotary engines will be 10A = 982cc, 12A = 1146cc and 13B = 1308cc

If there are less than four vehicles entered in any Category or Class, pre-event commencement the Organiser reserve the right to move those vehicles into the next higher Category or Class as deemed appropriate.

#### **2.1.3. AWARDS**

The following awards will be presented to the Driver who records the shortest elapsed time of the course during the official competition, inclusive of any penalties applicable. In the case of a tie in such shortest elapsed time, the next fastest official run of the course shall be taken into account, and so on until individual places are determined:

- Fastest Class A
- Fastest Class B
- Fastest Class C
- Fastest Class D
- Fastest Class E
- Fastest Class F
- Fastest Class G
- Fastest Class H
- Fastest Overall Driver

# 2.2. APPLICATION AND ENTRY PROCESS

The entry fee must be paid prior to starting the Event. The preferred entry and payment method is the CAMS online event entry facility at <a href="https://www.meecamsau.com">https://www.meecamsau.com</a> via credit card or direct debit. Alternatively, a paper entry form can be downloaded from the Event page on <a href="https://www.meecamsau.com">our website</a>.

Upon receiving your entry and entry fee we will contact you via a welcome email to confirm your entry and ask you to confirm your competition number preference. At that point, you officially become a Competitor.

Entries for the Event will officially close on 07/12/2015, allowing us to lock in numbers.

We are obliged to tell you that only competitors that have entered the Event via the CAMS online entry portal or via the Auto Corsa Group paper form are eligible to compete.

Entries may be refused in accordance with NCR 83 of the current CAMS Manual.

# 2.2.1. ENTRY FEES

CATEGORY	FULL (INC. GST)	
Hillclimb 2WD	\$330.00	
Hillclimb 4WD	\$330.00	

If you pay by the CAMS online event entry facility, the system will automatically generate a confirmation/receipt that you can print. If you choose to pay via paper form, Auto Corsa Group will provide a receipt directly to the entrant once the payment has been processed.

The Organiser reserve the right to refuse entry without assigning any reason, in which case any monies paid would be refunded in full.

There is a maximum limit of **100** entries for the Event. If maximum entries are received then the Organiser will maintain a reserve list.

Multiple entries are not permitted for the one vehicle.

We're more than happy to help customers who, for any reason of their own, wish to transfer the balance of a payment made for an Auto Corsa Group event or service of any type, to another Auto Corsa Group event or service.

This is as per our Terms and Conditions as specified on our website.

Please drop us an email to info@autocorsa.com.au with any withdrawal, or roll over, requests, as they do need to be in writing.

#### Entry into the Event includes:

- CAMS Public Liability and Personal Accident insurance for the Driver
- Two door panels with vehicle number and additional event sponsor decals
- Ability to compete on the course for the category you have entered
- Driver ID wristbands
- Auto Corsa cap and sticker

# **2.3. CREWS**

A participating crew consists of one Driver:

PARTICIPANT	DEFINITION
Driver	A competitor that is the principal Driver on the competition course for the Event.
Additional	A competitor in addition to the principal Driver and may act as the Driver if first approved by the Clerk of Course.

#### 2.4. DRIVER SUBSTITUTION

Once a Driver has completed Documentation, Driver substitution may only occur with the approval of the Clerk of the Course.

# 2.5. LICENCING

Now, this is important. Drivers must hold a current CAMS L2S, or a superior level, 'Competition' licence:

The Organiser will identify each Driver as having suitable experience, to ensure they are capable and competent to participate in the Event. The Driver may be requested by the Organiser to confirm their competition experience.

Any Driver between the ages of 16 to 18 are required to provide the Organiser a parental consent form signed by their parent or guardian. This can be completed at event documentation.

A minimum age for a Driver is 16.

#### 2.6. INSURANCE

Certain public, property, professional indemnity and personal accident insurance is provided by CAMS in relation to the Event. Further details can be found in the CAMS Insurance Handbook, available at <a href="https://www.cams.com.au">www.cams.com.au</a>

In the Event of a third party property damage, the Driver who causes the damage is liable for such damage, or any insurance excess incurred (maximum \$1,000.00) through a claim being lodged with CAMS.

This includes bollards, water barriers or any other apparatus used as course infrastructure.

Where the nominated Entrant is a legal entity or not the Driver, the Driver named on the entry form will be held responsible for all obligations and liabilities of the entry for the entirety of the Event.

For further details see www.cams.com.au

# 2.7. ALCOHOL, DRUGS AND OTHER SUBSTANCES

Any holder of a CAMS 'Competition' or 'Officials' licence (or equivalent licence issued by another ASN) may be tested for the presence of drugs (or other banned substances) and subject to a penalty(ies) for a breach in accordance with the CAMS Anti-Doping Policy and/or the CAMS Illicit Drugs in Sport (Safety Testing) Policy as published on the CAMS website. Consumption of alcohol in the paddock, pits or any section of the competition venue/course under the control of the Officials is forbidden until all competition is concluded each day. Accordingly, any holder of a CAMS 'Competition' or 'Officials' licence (or equivalent licence issued by another ASN) may also be tested for the presence of alcohol by a CAMS Accredited Testing Official (CATO) in accordance with the CAMS Standard Operating Procedure for Breath Alcohol Testing.

# 2.8. PROMOTIONS AND COPYRIGHT

Through entering the Event, all Drivers agree to the use of their names and any provided photographs in any event promotional material prepared and issued by the Organiser.

The Organiser will retain full copyright to all photography, audio and vision of the Event, including that captured by car-mounted cameras. Specific written approval of the Organiser must be given for any commercial or broadcast use.

# 2.9. ABANDONMENT

The Organiser reserves the right to cancel, abandon or postpone the Event in accordance with NCR 59 of the current CAMS Manual, due to circumstances which result in force majeure or if the number of entries are less than 70.

# 3. AT THE EVENT

# 3.1. ON EVENT LOCATIONS AND CONTACTS

ITEM	DETAILS / LOCATION	
Media Enquiries	Lydia Richards	
	Phone: 0418 572 402	
	Email: <u>lydia@autocorsa.com.au</u>	
Event Notice and Score Board	An official Notice Board will be located within proximity of the start line.	
	Official scores will only be available at www.autocorsa.com.au.	
	Scores will be available from after the first competitive run of the course.	
	<b>Please note:</b> Mobile phone reception at the course start line is weak; a much stronger signal is available at the re-group area at the end of the course.	
Documentation	Within proximity of the start line or at pre-event scrutineering.	
Scrutineering	Will be held pre-event at a date and time that will be communicated to all entrants.	
	Last minute scrutineering can occur within proximity of the start line on the day of the event.	
Driver Briefing	Within proximity of the start line	

# 3.2. EVENT SCHEDULE

TIME	ITEM	
Pre-event > 8.30am the day of the event	Scrutineering and Documentation	
7.30am	Officials briefing	
8.00am	Photographer/Media briefing	
8.45am	Driver briefing	
9.00am	Non-competitive sighting run	
10.00am	Competition commences	
4.00pm	Estimated competition finish time	
4.30pm	Award presentations	

# 3.3. EVENT OFFICIALS

OFFICIALS	ROLE	NAME	PHONE	EMAIL
Senior Official	Clerk of the Course	Stuart Benson	0412 868 979	stuart@autocorsa.com.au
	Event Secretary	Darren Fogarty	0439 315 759	darren@autocorsa.com.au
	Media Manager	Lydia Richards	0418 572 402	lydia@autocorsa.com.au
	Emergency Services	IMS Ambulance		
	Timekeeping and results	TBC		
CAMS Officials	Stewards	CAMS TBC	CAMS TBC	
	Chief Scrutineer	Alan Pickstock	0413 516 246	
	Competitor Relations Officer (CRO) / Compliance Checker	Leonie Davey	0407 901 101	info@autocorsa.com.au

# 3.4. DOCUMENTATION

Documentation will occur at pre-event Scrutineering.

In accordance to the Vehicle Technical and Safety Regulations, all Drivers must produce the following documentation for verification:

- CAMS L2S licence (or superior CAMS licence)
- CAMS club membership card
- CAMS Vehicle Log Book (if one is issued)
- Authority to Enter Vehicle Letter (required if the bona-fide owner is not a Driver in the vehicle)

It is the Driver's responsibility to ensure their documentation is current and correct prior to Documentation.

At Documentation the Organiser will provide the following, unless provided earlier:

- Door panels and other event stickers
- Driver ID wristbands

If documentation is not completed at pre-event Scrutineering, the Driver - or a team member representative - is required to finalise any outstanding documentation with the Organiser prior to the Driver Briefing on the morning of the event. This will occur within proximity of the start line.

# 3.5. SCRUTINEERING

Pre-event Scrutineering will be held at a date and time that will be communicated to all entrants. Drivers, entrants or a team member is required to present their vehicles at the pre-event scrutiny inspection in a ready to compete condition along with apparel for Driver (see sections 4.1 <u>Driver Apparel</u> and section 4.2 <u>Vehicles</u>).

For those unable to attend a pre-event scrutineering date and time, last minute scrutineering can occur within proximity of the start line on the day of the event.

The Chief Scrutineer is the relevant Judge of Fact relating to all matters of car compliance as outlined in these Supplementary Regulations, any Further Regulations, or Bulletins or Competitor Advice that may be issued by Auto Corsa Group.

#### 3.6. SERVICE CREWS

Service crew members must be registered via the CAMS online event entry facility or via the paper entry form. All registered service crew members present on the day are required to sign an event waiver at documentation on the day of the event prior to the Driver's briefing.

A signed parent/guardian consent form must be presented for any service crew members under 18 years of age.

Speeding, or misconduct, by a vehicle driven by a service crew member may incur penalties for their competition vehicle. Refer to the <u>penalty table</u> at section 5.13 for further details.

# 3.7. DRIVER BRIEFING

We're going to have a lot of important messages to share with you prior to the Event starting; therefore attendance by all Drivers is required. It will be held at a designated area within proximity of the start line at 8.45am.

Any Driver not able to attend the briefing at the nominated time and location needs to notify the Clerk of Course prior to arrange an alternate briefing time.

If you simply choose not to attend you may not be eligible to compete and this decision is at the discretion of the Clerk of Course.

# 4. DRIVER AND VEHICLES

# 4.1. DRIVER APPAREL

During the competition, a Driver is required to wear apparel that complies with the provisions of Schedule D of the current CAMS Manual:

#### Helmet

Level B standard - AS1698, SFI 24.1, E22 (with 03, 04 or 05 amendments), BS6658-85, or Level A standard

#### Frontal head restraint

Level B - not mandatory, Level A standard device highly recommended

#### Flame-retardant suit

Level D - non-flammable clothing from ankles, to neck to wrist or Level C - standard – SFI 3.2A/1 (single layer), or superior SFI standard, or Level B standard - FIA 1986, or Level A standard - FIA 8856-2000

#### Footwear

Level B - shoes with leather uppers that cover the foot, or Level A standard - FIA 8856-2000

#### Balaclava

Level C - not required but recommended or Level B - FIA 8856-2000, unless wearing a Level A standard helmet

# Gloves

Level B - not required but FIA standard highly recommended

#### Socks

Level B - not required, but FIA standard highly recommended

# 4.2. VEHICLES

All competition cars must be fitted, entered, presented and maintained in accordance with Schedule A and B of the General Requirements for Automobiles in the current CAMS Manual.

All cars must be fitted with:

#### Fire extinguisher

In accordance Schedule H of the current CAMS Manual, each vehicle must have an AS1841 fire extinguisher with a minimum total capacity of 900 g. The vehicle may be fitted with one or more extinguisher/s. The extinguisher/s must be maintained and fitted securely in accordance with Schedule H.

#### **Exhaust**

An effective exhaust silencer such that the sound emitted when measured 30m from the track edge does not exceed 95dB

# Rollover protection

Not required, except for open top vehicles that must be installed with a minimum of a Type 3 Full Safety Cage, incorporating roof reinforcement, in accordance with Schedule J.

#### Safety belts

A minimum of a Type C (Lap sash) belt is required

or a Type A or B full harness seat belt for the Driver in accordance Schedule I

#### Please note:

The number and the type of tyre is free

All vehicles must be of neat and tidy appearance

# 5. RUNNING OF THE EVENT

# **5.1. COURSE CARS**

There are a number of official course cars that have particular safety roles during the event. They are outlined in the following table:

CAR NUMBER	ROLE
0	Lead Safety Car
999	Sweep Safety Car
MIV	Medical Intervention Vehicle
FIV	Fire Intervention Vehicle

#### **5.2. RUNNING ORDER AND CLASSES**

Competition cars will be seeded by determination of the Organiser and published prior to the commencement of competition and be made available on the Notice Board at the Event start line.

Vehicles may be reseeded upon application.

All entries must be categorised prior to the commencement of competition and will be done so by the Organiser.

# **5.3. START PROCEDURE**

The start official will release vehicles by way of a physical countdown at the course start line at intervals of 30 seconds, or as directed by the Clerk of Course.

The Finish line will be defined a Flying Finish course board.

Failure to start at the assigned time and jump-starting the start line may result in a penalty. Please refer to the <u>penalty table</u> at section 5.13 for this penalty.

# **5.4. ON EVENT CATEGORY FORMAT**

The Event will have the '0' car that will lead the vehicles in the field throughout the Event. A Driver will not be permitted to proceed ahead of the '0' car on the course.

The field will also have the '999' car as a sweep safety car.

A Driver is not allowed to start the course if the '999' car has left the start line.

#### 5.5. TIMING AND RESULTS

Timing will be by an electronic timing system.

The Chief Timekeeper is the Judge of Fact.

Results shall be determined by fastest to slowest times of any single run of the course.

Timing will be to the 100th of a second (0.01).

Progressive results will be available during the Event via the event website at www.autocorsa.com.au.

Final results will be posted within 2 hours of the last vehicle completing the final run of the course via the event website at <a href="https://www.autocorsa.com.au">www.autocorsa.com.au</a>, subject to protests.

#### **5.6. OVERTAKING**

Overtaking is not permitted at any time on the course. The Organiser will use best efforts to seed the competition vehicles appropriately. Requests for re-seeding may be accommodated at the discretion of the Clerk of the Course.

# 5.7. PHYSICAL CHICANES

The course for the Event may contain physical chicanes. You will be alerted of these chicanes during Driver Briefing.

Physical chicanes on the course will be constructed of either: water barriers, bollards or tape. Each will have a consistent layout.

A competition car will enter the physical chicane from the RIGHT side of the road, move LEFT to enter and exit on the RIGHT.

On approaching a physical chicane, there will be warning boards 300m, 200m and 100m prior to the chicane.

Drivers will be able to negotiate a physical chicane without an imposed speed limit.

Penalties will apply for making contact with the chicane. Please refer to the penalty table at section 5.13 for this penalty.

# 5.8. INCIDENT ON COURSE

The Event's course will have a number of flag points. These flag points will display only a 'Red Flag' if there is an incident or obstruction on the course. No other flags will be shown.

If a Driver is shown a 'Red Flag' on the course by any official, they are to decrease speed to 40km/h, stay to the left hand side of the road, and continue until the finish re-group area, unless otherwise instructed by any official. Alternatively, if the Driver believes they can provide assistance at the scene of an incident, they must park their vehicle in a safe location and ensure their own safety at all times.

If a Driver has an incident on the course and their vehicle is immobile, if safe and able to do so, the Driver is to evacuate the car and find an elevated or protected location until the MIV arrives at the scene.

The presence of any course vehicle on the course will halt the competition, and the Start Official will not release any competition vehicles, until the course is clear.

# 5.9. WITHDRAWING FROM, OR REJOINING, THE EVENT

If a Driver is/has to retire from the Event with no possibility of rejoining, they must notify a Competitor Relations Officer (CRO) as soon as possible in person.

# 5.10. SPEED LIMITS

Unless competing, competition vehicles must travel at no more than 40km/h within the event's closed road environment, and no more than 10km/h within proximity of pedestrians or the competition vehicle re-group areas. A penalty of up to exclusion may apply. Please refer to the <u>penalty table</u> at section 5.13 for this penalty.

# 5.11. RE-GROUP, SERVICE AREA AND REFUEL ZONES

Re-group and service areas will be under the direction of event officials.

There will not be dedicated time allocated for servicing of competition cars, though servicing and re-fueling is permitted throughout the day and at re-groups at any location.

While re-fueling occurs, the following rules apply:

- The competition car must have its engine turned off
- If sitting in the car, the drivers seat belts must be undone
- The car doors must remain open
- Any person re-fueling a car must wear clothing covering from ankles to neck to wrists
- A fire extinguisher must be at hand during any re-fueling

Hazardous materials and fluids must not make contact with the ground therefore a groundsheet is required.

Jack stands must be used if a vehicle is elevated.

Penalties will apply for any Drivers re-fueling without these precautions. Please refer to the <u>penalty table</u> at section 5.13 for this penalty.

# 5.12. PROTESTS

Protests must be lodged in accordance with Part XII of the current CAMS Manual.

# **5.13. PENALTIES**

The following penalties apply for Drivers competing in all categories and classes of the event. Each penalty is applied at the discretion of the Clerk of Course/Judge of Fact.

OFFENCE	MIN PENALTY PER OCCURRENCE	MAX PENALTY	JUDGE OF FACT	SECTION
A Driver jumps a start	5 seconds	Up to exclusion	Start Official	5.3 Vehicle Release
Failure to start at allocated time or at direction of officials	30 seconds	Up to exclusion	Start Official	5.3 Vehicle Release
Competition car comes in contact with a barrier or bollard placed on the course by the Event Organiser	30 seconds	N/A	Any Official	
Disobeying the instruction of an official	30 seconds	Up to exclusion	Clerk of Course	
Competition car comes in contact with a physical chicane	30 seconds per barrier (3 barriers in each chicane)	N/A	Chicane Official	5.8 Physical Chicanes
Not meeting safety requirements when servicing or re-fueling	At discretion of the Clerk of Course	Up to exclusion	Any official	5.11 Re-group, Service Area and Refuel Zones
Speeding or misconduct within a non- competition area of Driver or Service Crew Member	At discretion of the Clerk of Course	Up to exclusion	Any official	5.10 Speed Limits

# **APPENDIX 1**

# **COMPETITION CAR SIGNAGE PLACEMENT**



# KEY:

Sticker 1 – 300mm x 200mm number and sponsor panel

Sticker 2 – 150mm high windscreen strip

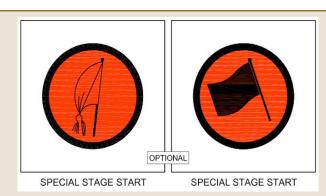
In car – (mounted on dashboard to be in view of in car cameras) – 50mm high x 210mm wide. \*The In Car sticker may only apply to some competition cars at the discretion of the Organiser.

Should you have any difficulties in fitting your stickers as outlined, please notify the Clerk of Course prior to scrutineering. Drivers should take care when removing event signage from their cars post-event to avoid potential damage to paintwork.

# **APPENDIX 2**

# **CONTROL BOARD DIAGRAMS**

# **CONTROL BOARD**



# **DESCRIPTION**

Start line



Flying Finish Warning



Flying Finish Actual



SPECIAL STAGE STOP CONTROL

Stop Point

