

ANNUAL SAFETY PLAN FOR CAR RACES SANCTIONED AND APPROVED BY

MOTORSPORT NEW ZEALAND INC. ("MSNZ")

International Circuit (3.4km CIRCUIT)

Valid for the period 1 August 2017 to 31 July 2018 inclusive.

1. AUTHORITY: In accordance with the MSNZ National Sporting Code, Appendix Two, Schedule H, this plan sets out the systems that are in place and specifies the processes to use in the event of any injury accident for competitors, officials and the public. It is complementary to the Safety Clearance Certificate issued by the Clerk of the Course for each Race Meeting held on the Venue.

2. EVENT CONTROL HEADQUARTERS:

2.1 Location:

- **Race Control:** In top level, race control building
- **Secretary's Office:** Level 1, race control building
- **Key Officials:** In race control building
- **Time Keeping:** Level 3, race control building
- **Race Results:** In Secretary's Office

2.2 Manning:

- **Clerks of the Course:** Level 3, race control building
- **Competitor Relations:** Level 1, race control building
- **MNZ Stewards:** Level 2, race control building or old TMP Office
- **Rescue Control:** Level 3, race control building
- **Course Commentator:** Level 3, race control building
- **Pit Paddock Microphone:** In Secretary's Office

3. COMMUNICATIONS NETWORK:

3.1 Within Venue: Hand held radios are to be supplied by the Event Organiser and used by the following personnel and explanation of radio use and the channels to be used will be given by the Event Organiser when each radio is signed out to the user on the day.

- Clerk of the Course
- Assistant Clerks of the Course
- Ambulance
- Secretariat

- Intervention Car and Safety Car
- Gatekeepers
- Security
- Technical department
- Scrutineer

With separate channels for:

- Flag Points and Recovery
- Taupo Ground Staff
- Gatekeepers and security

3.2 To outside of Venue: By telephone in race control building.

4. EMERGENCY SERVICES

4.1 Contact Details:

- **Police:** 07-378 6060, in emergency 111
- **Hospital:** 07-378 8100, in emergency Ambulance 111
- **Fire Service:** 07-378 5060 in emergency 111
- **TMP Limited:** 07-376 5033, website, www.BruceMcLarenMotorsportPark.com
 - **Executive Director:** Tony Walker, 021 969 980
 - **Operations Manager:** Russell Barriball, 027 3765034, operations@BMMP.nz
- **Motorsport NZ Office:** 04 815 8015
 - **President:** Wayne Christie 0276 946 456 (mobile)
 - **General Manager:** Brian Budd 0276 769 546 (Mobile)

4.2 MEDICAL SERVICES: The Safety Clearance Certificate for all Race Meetings issued by the Meeting Organiser or Event Clerk of the Course will specify the person(s) in charge of Medical Services at the venue and contact details to be used.

4.3 Vehicle access and egress to venue: Access and egress ways –

- **Competitors** – via Off Highway gate one
- **Public** – via Off Highway gate one and, if opened by Event Organiser with TMP’s consent, Broadlands Road gate three.

4.4 G.P.S. Co-ordinates for helicopters to land on the helipad:

- Latitude – 38.661175437736163
- Longitude – 176.14881791174412

5. EVENT INTERVENTION:

5.1 Flag Marshals' Points: For this plan, flag points 1 to 9 will be used and will operate in accordance with the circuit licence and schedule H, article 3.3. The Event Organiser is to supply each flag marshal point with the following:

- 2 x Flag marshals (except when flag point lights are installed, then only 1 flag marshal)
- Flags:
 - 1 x Green;
 - 1 x Red;
 - 1x Blue;
 - 1 x Red and Yellow;
 - 1 x White;
 - 2 x Yellow
- 1 x Safety car board
- Oil soak 5 kg.
- 1 x Fire Extinguisher (5kg.)
- 1 x Broom

5.2 The Event Organiser is to supply the Safety Car, Rescue Vehicles and Intervention Vehicles. Intervention Vehicles and Rescue Vehicles are to be equipped with fire extinguishers capable of handling mild fires. The Rescue Car will be situated at the pit lane exit and shall have the following equipment needed to assist with help at an accident scene:

- 1 x Radio connected to Race Control
- 1 x Driver
- 1 x Medical person with first aid kit
- 1 x Fire fighter with 2 kg fire extinguisher
- 5 kg oil soak

All other recovery vehicles shall have the following

- 1 x Driver
- 1 x Passenger
- 1x Radio connected to race control
- 1 x Tow rope
- 1 x 2 kg. fire extinguisher
- 1 x broom
- 5 kg Oil soak

5.3 Flag and Crash Rescue Marshal deployment: The Safety Clearance Certificate for all Race Meetings issued by the Meeting or Event Clerk of the Course will specify the number of personnel on site in respect to flag, crash rescue and intervention marshals. Flag points will operate in accordance with the Venue Licence and Schedule H, Article 3.3.

5.4 Controlling Pit lane: a marshall shall be stationed to manage vehicles exiting. The marshall's role is to manage the release of exiting vehicles so that it reduces the risk of vehicles approaching Turn 1 colliding with exiting vehicles.

5.5 Intervention vehicles: For locations of these vehicles, see the circuit plan.

5.6 Medical Response Plan: In the event of an incident, the Rescue Car situated at the pit exit, including a qualified medical person equipped with a medical kit will be despatched. In situations where injury is immediately, obvious a fully-equipped ambulance with a medical person on board will also be dispatched. The ambulance will normally be on standby at the pit entry so that if it is needed, it can serve the pit, paddock, spectator area and track.

Should there be a serious incident, ambulance personnel at the scene will call for any extra resources

- Minor injuries will be treated by the ambulance at the circuit
- There is a helipad the GPS coordinates of which are at 4.4 above
- The closest emergency service provider location is Taupo Hospital in Kotare Street, Taupo
- Emergency evacuation to hospital will be done by ambulance or helicopter
- The Safety Car, Rescue Vehicles and Intervention Vehicles are shown on the circuit plan

Event Organisers are advised to liaise with the District Commander for St John.

5.7 The Fire Response Plan is:

All Intervention Vehicles and Rescue Vehicles are to be equipped with fire extinguishers capable of handling mild fires. In the event of a major fire, the local Fire Brigade is to be called by calling 111. It is anticipated that Fire Service response time is approximately ten minutes.

All Rescue Vehicles are shown on the Circuit plan

6. VENUE SECURITY - SPECTATOR CONTROL AND SAFETY:

6.1 Public Safety Officers: An official of the Event Organiser is to be in direct contact via hand held radios and mobile phones with roving security officers around the venue. All contracted security personnel are to either be, or be under the direct on-site control of a licensed security guard supplied by the Event Organiser.

6.2 Spectator areas are shown on the Track Map. Access by general public spectators to all other areas is prohibited. Non spectator areas must be either cordoned off or managed by the Venue Hirer.

7. COURSE CLEARANCE:

7.1 Pre event clearance is to be given by the Stewards of the Meeting in conjunction with the Clerk of the Course.

7.2 After on track sessions enquiries are to be made to the Secretariat and clearance to be given by the Clerk of the Course

8. ACCIDENT INVESTIGATIONS AND REPORTING:

8.1 All accidents will be investigated in accordance with MSNZ National Sporting Code, Appendix One, Schedule G, Clauses 4 and 5. All forms used will be as prescribed by Motorsport New Zealand.

8.2 Accident Investigation: Event Organisers are to advise in the Supplementary Regulations for each Meeting or Event, the person responsible for investigations as detailed in National Sporting Code, Article 89 and Appendix One, Schedule G.

8.3 Accident Reporting: Unless individual accident circumstances make it impractical, the Accident Investigator is to use his or her best endeavours to have the completed report forms submitted along with the Clerk of the Course closing report. In any case, the Clerk of the Course should be in a position to be able to provide the status of any outstanding investigations at the final Stewards' meeting for the Meeting or Event.

9. SAFETY OF OFFICIALS AND COMPETITORS:

9.1 Officials and Marshal Training / Briefings: A marshal Briefing session is to be undertaken prior to each Meeting or Event by the Event Organiser to ensure that all officials controlling the event and particularly those at spectator viewing points are fully aware of all applicable safety requirements. Training sessions for marshals are to be held by the Event Organiser at least once each year, preferably one before the season starts and one mid-season approximately January. The Clerk of the Course is responsible for all briefings involving Officials and Marshals that are to be undertaken prior to each Meeting and Event.

9.2 Competitors Safety and briefings: The event is to be conducted in accordance with the requirements of the MSNZ National Sporting Code Appendix Four, Schedule Z (the Standing Regulations for all Race Meetings). A competitors' briefing for all new competitors briefing is to be held by the Event Organiser prior to the commencement of each Meeting or Event outlining the event procedures and items particular to this venue with emphasis on all safety aspects.

10. FUEL MANAGEMENT

10.1 Fuel Storage: The fuel storage bunker is located on the grass at the eastern end of the paddock (refer to attached circuit map).

10.2 Refuelling – Pit Paddock and Pit Lane: Refuelling is permitted as per the MSNZ National Sporting Code, Appendix 4, Schedule Z, Article 16.2. Refuelling of competition vehicles may only be carried out:

- (a) During practice in the paddock area; and
- (b) During races where refuelling is necessary, in the pit lane provided that all safety precautions are strictly adhered to.

Notes:

- (i) Unless specified otherwise in the Event Supplementary Regulations, no fuel will be allowed in trackside pits.
- (ii) In all races where refuelling is necessary, all refuelling is to be carried out in the pit lane under conditions specified in the Supplementary Regulations.
- (iii) The Event Organiser is to reserve the right to inspect and if necessary approve refuelling equipment prior to it being used.
- (iv) Competitors are to be made familiar with and required to adhere to the MotorSport NZ

Code of Practice - Fuel, which is available on the MotorSport NZ website (www.motorsport.org.nz).

- (v) Where appropriate, the requirements for Endurance Race refuelling are to form part of either the meeting Supplementary Regulations or the applicable Endurance Race Articles.
- (vi) TMP has erected hazardous goods signs and no smoking signs at the entrances to the paddock and these directions are to be complied with at all times.

10.3 Fuel handling and storage: Competitors and Race teams have legal obligations under the Hazardous Substances and New Organisms (HSNO) Act 1996 in relation to the handling and storage of fuel at motorsport venues or events.

10.4 Fire Extinguishers and Emergency response plan.

- (a) Fuel Handling, storage and safety protocols are listed in Chapter 2 of the MotorSport NZ Code of Practice Fuel- Storage and Handling.
- (b) **Pit:** An area in each competitors pit or paddock area where the pit crew can store a quantity of fuel sufficient to refuel the competition vehicle prior to its next segment of the competition at that event. All competitors must have at least one (for each car) Multi-Purpose dry powder extinguisher (minimum size 4.5 kg) in their pit garage or service area at all times. The fire extinguisher must be in an accessible location to the front of the area.
- (c) **Pit Lane:** Refuelling will be carried out in the pit lane under conditions specified in the Supplementary Regulations. In addition to the extinguishers in the Pit Garages, all teams shall have at least one Multi-Purpose dry powder extinguisher (minimum size 4.5 kg), that is taken to pit lane each time the race car is testing or in competition.
- (d) For Endurance races, the minimum extinguisher requirement is two x 9kg dry chemical fire extinguishers, in working order, for each competing vehicle.

10.5 Sprint race - Pit garage storage – during each day:

- (a) Competitors will be allowed to store a maximum of 40 litres during the day in their allocated pit Garage at any time.
- (b) Fuel should be placed in a location least likely to be subject to any direct sunlight or other sources of heat.
- (c) Teams with multiple vehicles should ensure that this fuel is not kept in a single location, but appropriately distributed and stored in each one of their designated bays so that no more than 40 litres is stored within any 3-metre radius.

10.6 Endurance race Pit garage storage – during each day:

Competitors will be allowed to store a maximum of 200 litres during the day in their allocated pit Garage at any time. Fuel should be placed in a location least likely to be subject to any direct sunlight or other sources of heat.

10.7 Pit garage storage – overnight:

Unless advised to the contrary, at the conclusion of testing or competition each day of the event, Teams are to be required to remove all fuel (and any other bulk containers of flammable fluids with the exception of aerosol cans) from the pit garages to a secure location outside the pit complex (e.g. Race car transporter) or to the fuel storage bunker referred to in 10.1 above. Storage must be inside a locked container store (such as converted shipping container) in the fuel storage bunker. The Person in Charge of this area is to advise storage container opening times on the official notice board.

No fuel (or other bulk flammable liquids) apart from that which is in the competition vehicle can be stored in pit garages overnight.

10.8 Fuel Supply: Fuel supply in the context of the MotorSport NZ Code of Practice Fuel- Storage and Handling is a specific location at an event set aside to dispense fuel that is mandatory by class or category regulations for the event.

All category or championship class fuel supplies should be stored in sealed drums [or any other sealed storage containers that are approved for that purpose], under cover in specified locations at each event. As there is no permanent fuel supply location at the circuit, each class or category must apply to TMP for permission to establish a temporary location.

The Event Organiser's Person in Charge of the fuel supplies is to:

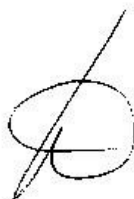
- (a) Advise the location of the fuel compound (storage and / or supply area(s)) to competitors at each event; and
- (b) Ensure that:
 - (i) There are persons appointed to dispense the fuel and oversee its storage in the compound area;
 - (ii) All personnel involved with the dispensing of fuel from the supply area are wearing fire resistant protective overalls, gloves, balaclava, and safety goggles at all times while dispensing fuel;
 - (iii) An additional person, in equivalent protective clothing, is assigned to a fire extinguisher during any fuel dispensing from this compound;
 - (iv) No personnel except those actually involved in the fuel dispensing or with the fire extinguisher are permitted within a 15 metre radius zone -- centred on the fuel supply compound;
 - (v) No smoking signs are displayed in the fuel compound area (6 metre zone).
 - (vi) No sources of ignition such as cell phones, radios, car engines, BBQs, are operational within the fuel compound area (6 metre zone). HSNOCOP 32-1 Version 02-09;
 - (vii) Competitor's team personnel wear protective clothing;

(viii) All fuel storage containers are of a type approved for the storage of fuel (fuel dispensing personnel shall not transfer fuel into non-compliant containers) and must have the lid tightly closed at all times when not in use.

11. UNDERTAKING:

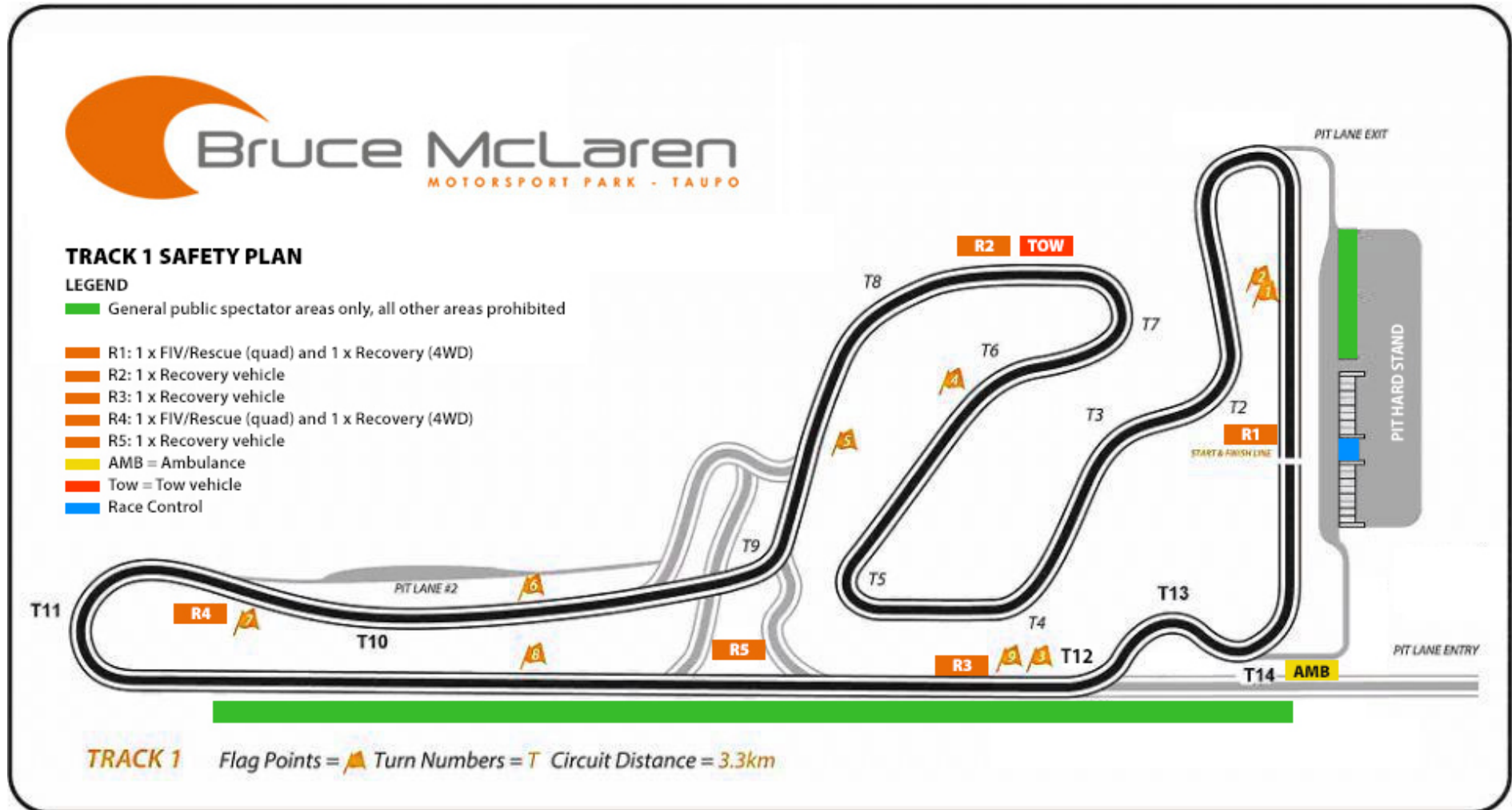
The Clerk of the Course appointed to officiate at each Meeting or Event held at Bruce McLaren Motorsport Park, in presenting the Safety Clearance Certificate, is to bring to the attention of the Stewards of the Meeting any variation to the above plan plus supply details of the actual manning levels and names of the Event Organiser's key officials.

Authorised by; TMP Limited - Owners and operators of BruceMcLarem Motorsport Park



Tony Walker
Executive Director

Track Map



MotorSport New Zealand Approved



