




منظمة الإمارات للسيارات والدراجات النارية
EMIRATES MOTORSPORTS ORGANIZATION



EMSO
ENVIRONMENTAL
منظمة الإمارات للسيارات والدراجات النارية
EMIRATES MOTORSPORTS ORGANIZATION
CODE

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1. EMSO SUSTAINABILITY POLICY

Emirates Motorsports Organization (EMSO) is playing a leadership role in development of motorsport and encouraging motor sport stakeholders across UAE to incorporate best practices of sustainability framework by pursuing a holistic approach to environmental concerns.

EMSO strives to adhere to the Best Practice Principles (BPP) framework of FIA and FIM Environmental Code by setting up core elements of its environmental impact and incorporating systematic approach to Environmental Management System (EMS).

Automobile and Touring Club for United Arab Emirates (ATCUAE) is the mobility division of the Emirates Motorsports Organization (EMSO) and complies to the same Sustainability Policy.

EMSO commitment is defined as follows:

1. Collaboration with motor venues, organizers, sport clubs and competitors to promote and guide towards best environmental practices.
2. To collaborate with government entities and comply with legal requirements and legislation on national and international levels.
3. Encourage motorsport stakeholders across UAE to pursue sustainable actions for environment.
4. Support FIA Action for Environment and FIM Ride Green.
5. Demonstrate commitment to BPP by continuously improving on sustainability performance.
6. Continue to raise awareness of environmental concerns to senior management, staff and volunteers.
7. Minimize core elements of environmental impact by preserving water resources, implementing responsible waste management and energy saving systems.
8. Comply with legal requirement and legislation on national and international levels.
9. Conduct an annual review of EMS to review environmental objectives and targets.

2. GENERAL

- 1.1. Motorsport must also be looked at from a sustainable point of view.
- 1.2. The Emirates Motorsports Organization (EMSO) will seek to establish at all times the highest environmental standards during the organization of motorsport events at all

levels and will promote environmental consciousness among all participants. The EMSO will do so in close co-operation with the organizers of the motorsport events and activities in the UAE.

- 1.3. The EMSO sustainability policy is based on mutual respect of the needs of the environment and of reasonable practices of motorsports.
- 1.4. The EMSO seeks close co-operation with international authorities, FIA and FIM in order to ensure that there are sufficient facilities for motorsport activities in environmentally acceptable conditions and encourages organizers to do so at local level.
- 1.5. All organizers affiliated to the EMSO shall adapt their Statues in order to give proper prominence to the organization of sustainable events and to the principles of the EMSO Environmental Code.
- 1.6. According to the above general principles, this Code prescribes regulations and recommendations to improve the relationship between motorsport and the environment.

These regulations and recommendations refer in particular to:

- Sound level, fuel, protection of ground and cleaning issues.
- Behavior of the spectators, activities of organizers, circuit/track managers, race participants and road users.

3. ENVIRONMENTAL STEWARD

For each UAE Championship, Club event or classic gathering it is recommended to appoint an Environmental Steward who shall deal only with environmental aspects and who must be approved by the EMSO.

Duties of the Environmental Steward:

- Ensure that the EMSO Environmental Code is respected.
- Have access to all information concerning the event, recommendations to the Organizer and the Race Director/Clerk of the Course/Chief Steward on all aspects of the event related to sustainability.
- Draw up in a conscientious and appropriate manner a report on the basis of a check-list prepared by the EMSO Sport Department and send it within 48 hours to the EMSO Administration (info@emso.ae). A copy must also be handed to the Race Director/Clerk of the Course/Chief Steward.
- Have the right to attend all open meetings of the race direction.

- In case of non-respect or violation of the provisions contained in the EMSO Environmental Code, the Environmental Steward must immediately inform the Clerk of the Course, with confirmation in writing, providing details of the infringement.

4. EMSO ENVIRONMENTAL DELEGATE

EMSO Environmental delegate is nominated by the EMSO and shall:

- Observe and verify the application of the EMSO Environmental Code.
- Inform the Race Director/Clerk of the Course/Chief Steward of any violation of the Environmental Code in order to pronounce sanctions relative to the infraction.
- Identify areas of “good practice” and make recommendations or proposals for modifications to the Environmental code.
- Attend the meetings of the Jury/Race Direction during his presence at the event without voting rights.
- Perform inspections of the track/course and its facilities at any time before, during or after the event.
- Prepare a report summing up all important aspects of the event that relate to the environment, and evaluate the efforts made by the organizer and/or promoter in order to respect the EMSO Environmental Code.
 - Compare that report to the check-list completed by the Environmental Steward nominated by the ASN.
- Any serious failure of the Environmental Steward towards the obligations and due diligence mentioned in article 3 of the present Code noticed by the EMSO Environmental Delegate will be examined and in case of need, sanctioned by the EMSO.

5. PROTECTION OF THE GROUND

Measures must be taken to prevent leaks of fuel, oil, cleaning, degreasing, cooling and brake fluids, etc. into the ground.

Containers/facilities to recover rubbish, oils, detergents, etc. must be provided.

Provision must be made for the treatment of spillage and the disposal of contaminated material by the organizer.

It is strictly forbidden to empty on to the ground waste liquids from vehicles and catering facilities located in the riders' paddock and the campsite. Waste liquids may only be disposed of at the circuit in the organizer has provided a proper facility to allow this. Any infraction to this rule will be reported to the Stewards/Race Direction who will fine the rider or team responsible a maximum of AED 2,000. Other sanctions may be pronounced by the Stewards/Race Direction.

Do not leave on the spot permanent evidence of any auto/motorcycle activity.

5.1. Environmental Mat

5.1.1. The Environmental Mat must be composed of an absorbent upper part and an impermeable lower part. **It is compulsory to use an environmental mat (or other effective and approved system) to prevent soil and water contamination at events:**

- Wherever work on vehicles/motorcycles is allowed by the organizers.
- In the Parc Ferme.
- In the paddock at all events.
- Under all waste oil and fuel containers provided by the organizers.
- At all official refueling points.
- Under all thermic powered generators and power washers.

5.1.2. Absorption capacity – minimum 1 liter.

Thickness – minimum 5 mm.

Any infraction of this rule will be reported to the Stewards/Race Direction who will fine the competitor responsible a maximum of AED 2,000. Other sanctions can be pronounced by the Stewards/Race Direction.

6. CLEANING OF THE VEHICLES/MOTORCYCLES AND EQUIPMENT

Cleaning of vehicles/motorcycles, equipment and parts, where permitted by the regulations, must only be carried out at places with cleaning facilities.

Only water without the addition of chemical products (for example detergent, even if it is eco or biodegradable) is permitted. Additional specific requirements may apply for each discipline.

The cleaning area must be built with a non-porous surface and a proper drain with an oil-divider to prevent pollution of the ground. Any infraction of this rule will be reported to the

Stewards/Race Direction who will fine the Organizer a maximum of AED 2,000. Other sanctions can be pronounced by the Stewards/Race Direction.

Unless cleaning is permitted by a regulation included in the appendices for the discipline concerned, and agreed on with the EMSO, any competitor or team member found washing a vehicle/motorcycle other than in the designated area will be reported to the Stewards/Race Direction who will fine the competitor responsible a maximum of AED 2,000. Other sanctions can be pronounced by the Stewards/Race Direction.

7. ACTION TO BE TAKEN BY PARTICIPANTS/TEAM MEMBERS

Each participant and/or team member is responsible for the waste generated by his team during the event.

Where organizers provide the necessary containers for waste, they must be used as directed.

Waste must be retained by the team until the approved facilities provided by organizers can be used.

Used tyres must be retained by the teams or manufacturers unless storage and disposal facilities are provided by the organizer.

Any infringement by the participant or team members of the EMSO Environmental Code can result in a fine, disqualification from the event or suspension, and may also result in the participant or competitor being liable for any costs of rectification.

These recommendations duties and obligations are to be mentioned in the Supplementary Regulations.

8. ACTION TO BE TAKEN BY ORGANIZERS

8.1. Environmental Management Plan

It is useful to use a plan for the management of the facilities, to stimulate environment-minded behavior by the spectators and environment-minded use of the facilities during events.

This plan must include at least the following points:

- An assessment of the environmental impact of the event on the circuit and its surroundings, having regard to the number of competitors and the expected number of spectators

- Mention of the location and a description of the system for the cleaning area
- Location and quantity of containers for used oil, brake fluids and cooling fluid or any other liquid
- Location and quantity of containers for spectators' general litter
- Location and quantity of sanitary facilities as well as the planning of the cleaning
- Plan for tests concerning the positioning of loud speaker
- Provision of adequate and appropriate direction signs to the event
- Provision of containers or waste bags in the pits of the mechanics' area and collection of the contents during and after the event
- Prepare and provide the manner in which the waste will be disposed of before, during and after the event
- A map of the venue showing clearly the location of the facilities.

8.2. Environment management map

To support the Environment Management Plan, organizers are required to provide a map of the venue showing clearly the location of the following facilities:

- Waste container
- Vehicle Washing
- Domestic and contaminated waste container
- Refueling location
- Toilets and showers
- Disposal point for used tyres (if provided).

The map must be displayed in a visible place or participants and teams.

8.3. Competitors' paddock/Service areas/Time Control Areas

- Provide sufficient containers for waste.
- Ensure that there are enough containers with fixed funnels to collect used oil
- Provide recognizable containers for oil filters and cleaning rags; collect separately
- Make arrangements with tyre providers to remove used tyres from the venue. If this is not possible, and the organizer is unable to provide facilities for the storage and disposal of used tyres in accordance with local regulations, the competitors and teams must be advised that it is their responsibility to retain used tyres
- Provide and maintain sufficient and clean sanitation, with proper provisions for waste and water, for both men and women
- If cleaning of vehicles/motorcycles is allowed, a special wash area designed to ensure the ground is not polluted must be provided in accordance with the rules of the discipline concerned.

8.4. During the event

For indoor events, arrange for air quality checks to be undertaken by competent authorities and ensure that a means of controlling the air quality is available.

Promote environmental behavior among all persons involved within the organization and promote environmentally friendly work within the secretariat, the administration, press room, paddock and camping site.

Ensure that waste oil containers and containers for domestic and contaminated waste are serviced throughout the event.

Ensure that toilet facilities provided are regularly serviced throughout the event.

It is a requirement that containers specifically designed and designated for the collection of all forms of clinical waste, particularly blood contaminated materials, syringes, soiled dressings and sharp consumables such as injection and intravenous needles, scalpel blades and suturing needles are provided at Medical Centres and Ambulances. Both the presence and disposal of clinical waste containers must ensure the separation of clinical and domestic waste and must be strictly controlled in accordance with the relevant local and national regulations.

8.5. After the event

- Signposts, billboards and posters must be removed.
- Waste left behind on the site and the surroundings must be cleaned up and removed as soon as possible.
- Where tear offs are permitted, arrangements must be made for all discarded tear offs to be collected and properly disposed of immediately at the end of racing.
- Clear away and dispose of any broken branches or shrubs.
- Clear away tapes around the track.
- Level off and equalize immediately the track and roads if necessary.
- Remove mud deposited on roads adjacent to the venue.
- Arrange for separate removal of oil-containers, cleaning rags, oil filters and waste-containers.
- Ensure that the disposal of medical or other hazardous waste is managed by specialist companies.
- The infraction or inobservance by the organizer of obligations mentioned in the current EMSO Environmental Code are subject to sanctions laid down in this Code and can result in fine or suspension of approval to organize events. The organizer will also be liable for any costs of rectification.

8.6. Publicity/Advertising

- Do not attach posters to trees, in country areas and protected urban-sites, or in places and areas which are not appropriate.

- Place billboards only after having obtained permission from the owner of the property.
- Take local and governmental regulations into account when placing billboards.
- Do not distribute leaflets/pamphlets under windscreen wipers of cars, on motorcycles, nor to spectators (do not allow others to do so during your event).

Any clearly established infraction or inobservance of the prescriptions and obligations for the organizers for the organizers are subject to the penalties laid down in the present Environmental Code or EMSO National Sporting Code.

9. SOUND LEVEL

Concerns regarding sound levels at motorsport events are not limited to the machines themselves. In addition to the expected engine sound levels, organizers and environmental stewards must be aware of the magnitude of sound from public address systems, crowds and other sources associated with an event. Minimizing excessive noise associated with motorsport activity and taking public reaction to sound levels in consideration is the responsibility of all concerned: competitors, clubs, organizers and all officials.

9.1. Sound level of vehicles/motorcycles

Sound is a measurable phenomenon created when a source, such as a car or motorcycle engine, causes the air to vibrate. In contrast, noise is an individual interpretation of the impact of that sound. A sound enjoyed by one may be annoying to another. Vehicles/motorcycles with high sound levels are almost always considered noisy. The Environmental Steward must understand the difference between the two and how sound is quantified.

The decibel (dB) is the unit used to express sound pressure levels and they are measured on several scales. Vehicle/motorcycle sound is tested on the "A" weighted scale and is expressed as dB(A). Sound pressure levels increase at a logarithmic rate (very quickly) while the human ear interprets that increase more slowly. As a consequence, each time the number of identical sound sources at the same distance is doubled (as with many vehicles/motorcycles at the starting line), the sound pressure level measurement is increased by only 3 dB(A).

Sound levels decrease as the distance from the source increases. A doubling of the distance from the source to the ear causes a theoretical loss of up to 6 dB(A). Temperature, elevation, humidity and the frequency of the sound waves also contribute to the rate of energy loss. Such things as foliage, untreated, covered or uneven ground or large obstacles, such as walls, cars or embankments will reflect or mitigate the sound level and affect sound levels in the immediate area.

The EMSO recommends:

- To avoid all unnecessary running of engines.
- To reduce as much as possible the sound levels in all disciplines and ensure that all applicable regulations are strictly respected.

The EMSO shall always promote research on the question of sound level in relation to motorsports.

9.2. Sound level measurements

Environmental Stewards and event organizers should be familiar with local ordinances governing both event and vehicle sound levels.

For details of specific sound levels for each discipline refer to the relevant rules.

9.3. Public Address System

Separate public-address systems for the competitors' paddock and the public areas are preferable and should never produce a sound higher than the hearing damage threshold level 85 dB(A) when measured in a public area and should also not exceed 3 dB(A) above the background sound levels when measured at the nearest dwelling house.

Position loud-speakers so as to avoid sound pollution outside the venue.

Maintain the sound level as low as possible.

The whole system must be ready and tested before the start of the practice.

The sound system often causes more annoyance outside the track area than the actual event. Make arrangements with the people in charge of the sound system to reduce the sound volume between races/practice session.

10. SUGGESTIONS TO ENCOURAGE ENVIRONMENTAL BEHAVIOUR BY SPECTATORS

Visitors to a motorsport circuit, track, event or touristic gathering can play an important role in keeping the environment clean and undamaged.

A motorsport event is a good vehicle for raising awareness amongst the fans and leaving a legacy in our community.

Here are some suggestions:

- In co-operation with the police, select the routes to and from circuits, tracks, etc. which will cause as little annoyance as possible for the surrounding areas.
- Provide clear signs to circuits, tracks and venues.
- Do not allow parking on vulnerable places (verges, green lanes).
- Do not allow parking in long grass.
- Encourage the use of public transport.
- Avoid too high concentrations of people in order to preserve vulnerable places.
- Provide sufficient sanitary facilities.
- Inform the fans about responsible behavior on the site and how they can contribute towards sustainable events.
- Specify in contracts with catering firms a requirement to sell drinks and food packaged in recyclable, reusable or biodegradable/compostable material.
- Ensure that sufficient waste containers are provided and maintained adjacent to each catering facility.
- Ensure that catering facilities comply with all national guidelines.
- Manage the off-road events in such a way that only footsteps remain on the soil.

11. GENERAL RECOMMENDATIONS FOR THE MANAGEMENT OF VENUES

- Keep up the maintenance of the venue and take care that it is kept clean and tidy at all times.
- Ensure that machines used for track maintenance, are in good condition, and that adequate measures are taken to avoid pollution of the grounds whilst they are parked, or being refueled.
- Screen unsightly buildings from view by planting a visual barrier of trees or shrubs around them or use colors which camouflage them.
- Cordon off sensitive countryside areas.
- Appoint a member of the Organizing Board to be in charge of all environmental aspects and maintain the environment logbook.
- Ensure proper disposal of waste from sanitary facilities.
- Take all necessary care when making changes/adjustments to the site and consult the appropriate authorities.
- When locating the starting areas, take acoustic impacts in to account.
- Never use building waste, rubble, etc. for the construction of noise barriers, etc.
- In case of the use of materials from outside, have them checked by the appropriate authorities to ensure that they are not polluted.
- Following every event and at regular intervals, make an evaluation of the impact of the event on the environment make a report and make recommendations to correct any shortcomings and errors.

12. COMPETITOR CONDUCT

- Save petrol and reduce pollution by avoiding unnecessary idling of engines.
- Limit noise pollution by using your horn only in an emergency.
- Noise annoyance. Use a standard or another quiet exhaust system and keep audio systems at a low level.
- Use only routes which are open to vehicles/motorcycles.
- Respect nature by not travelling on paths which risk being damaged beyond a point of natural recovery.
- Protect wildlife and its natural habitat by riding intelligently.
- Ensure that your used oil, tyres, batteries and other recyclable items are properly recycled or collected.
- Encourage a rational use of fuel and space economy by using motorcycles instead of driving automobiles.

13. FUEL

It is a requirement that regular unleaded fuel, available at the service stations, or provided by the organizers, without additives, except oil for two stroke engines, be used.

The use of alternative energies such as biofuels, hydrogen or electricity, as long as they are not more noxious for the environment, must be encouraged for all disciplines in conformity with the relevant Technical Regulations.

For the purposes of protecting the environment, provisions regarding fuel storage mentioned in the relevant rules must be respected.

For UAE Championships and other events, fuel tests are carried out according to the procedure laid down in the Technical Rules.

For details, refer to the Technical Rules of the various sporting disciplines.