

## REGULATION CHANGES FOR CONSULTATION

Committee:	Technical Committee
Date of Meeting:	1 <sup>st</sup> April 2025
Closing date for consultation:	7 <sup>th</sup> May 2025
Email address:	<a href="mailto:technicalconsultation@motorsportuk.org">technicalconsultation@motorsportuk.org</a>

### Chapter 7 Appendix 11 – Electrified Vehicles

#### Proposed Regulation

##### 1. Technical

- 1.10. A **Modified Vehicle** is a **Standard Vehicle** with non-powertrain modifications only (including fitment of safety equipment including **ROPS** which alters the **Vehicle** structure). No modifications to the internal combustion engine (ICE) and / or electrified propulsion system are permitted **other than non-Powertrain HV systems (such as HVAC etc.) which may be removed. The exposed HV connectors must be capped with suitable blanking plugs that maintain HVIL functionality. Driver displays, and powertrain cooling systems may be replaced with alternative commercially available parts.**

#### Scrutineering

##### 3. Safety

- 3.1. **Except for Standard EVs in non-Speed Events, o**Only ASN EV trained Scrutineers will perform safety scrutineering on EVs. **It is recommended that all Scrutineers Scrutineering EVs complete the EV Awareness online training module.**
- 3.2. **Except for Standard EVs in non-Speed Events a** A valid VP or EVP must be provided at Safety Scrutineering.
- 3.3. HV Vehicle Safety scrutineering procedures will include but not be limited to visual inspection of the EV system and demonstration of the correct function of the safety and indication systems.
- 3.4. **For Bespoke EVs** ~~T~~he Team HV qualified person must be present at Safety scrutineering equipped with their own set of HV safety equipment and tools as required.
- 3.5. The Vehicle specific Emergency Response Guide must be provided to the circuit/Venue/Organiser's emergency services team before the Vehicle is allowed to compete.
- 3.6. ASN Technical Officials can require the Vehicle to be re-inspected at any time during an Event.

##### 4. Eligibility

- 4.1. **Except for Standard EVs in non-Speed Events, o**Only ASN EV trained Scrutineers will perform eligibility scrutineering on EVs.

### Technical Committee Action Sheet

1<sup>st</sup> April 2025

Page 2 of 2

- 4.2. ASN Technical Officials reserve the right to request access to any set-up information or data from the Vehicle ECU(s) and other electrical devices at any time during an Event including data that proves compliance with Arts.7.3 and 7.5.
- 4.3. It is the responsibility of the Competitor to prove that the Vehicle has not exceeded any control parameter limits during an Event (e.g. maximum power, maximum voltage etc.).
- 4.4. ASN Technical Officials reserve the right to request that the Vehicle be fitted with a data logger.
- 4.5. **For Bespoke EVs** the Team HV qualified person must be present at Eligibility scrutineering (equipped with their own set of HV safety equipment and tools as required) and be prepared to safely isolate the HV system and remove any HV components for more detailed inspection at the request of the Scrutineer.
- 4.6. ~~Sealing requirements for HV system components will be developed and published in due course.~~

### Date of Implementation: **Immediate**

Reason:

This proposal provides additional clarity on what modifications are permitted for a modified Electrified Vehicles.

It also updates the Scrutineering and Electrified Vehicle Passport requirements for Standard EVs on non-Speed events (such as Autosolo, Autotest, Navigational Rallies etc.) so that the NCR matches the requirements in the 'Electrified Vehicles: Guidance for Organisers' document.