Permitted Fuel and Tyres Testing
Chapter 8 Permitted Fuels and Tyres and Testing

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2025 National Competition Rules

CHAPTER 8

PERMITTED FUEL AND TYRES AND TESTING

1. The following Appendices to this Chapter apply:
   a. App.1 Permitted fuels
   b. App.2 Fuel Testing
   c. App.3 Tyre Testing
   d. App.4 Lists of Permitted Tyres.

General

2. This Chapter must be read in conjunction with specific sporting discipline Chapters and where applicable Chapter 2 (Judicial) and Chapter 1 App. 1 (Nomenclature and Definitions).
3. This Chapter applies to all sporting disciplines Events and Championships unless specific waiver or variation in respect of the use of permitted fuels or tyres has been approved in writing by the ASN.
4. In the interests of any of sustainability, Statutory compliance, or sporting fairness the ASN reserves the right to amend the Regulations in respect of fuel and / or tyres at any time. Wherever possible reasonable notice of any change will be given by publication on the ASN website.
5. Only Permitted fuels may be used in Competitions.
6. Only Permitted tyres may be used in Competitions.
7. It is always the Competitor's responsibility while competing to ensure conformity with the relevant Regulations.
8. Subject to Art. 9 below it is an offence in breach of the NCR to use fuel or to use tyres that are not permitted and which breach may be subject to Judicial procedures under Chapter 2.
9. If it is discovered at pre-Competition scrutineering that a Competitor has the incorrect tyres this will be reported by the Scrutineers to the Clerk of the Course and who has the authority to permit the Competitor to achieve conformity and re-present the Vehicle to the scrutineers for approval but the commencement of the relevant Competition shall not be delayed to facilitate such re-presentation.
10. All fuel and all tyres may be checked for conformity with the NCR in accordance with the prescriptions at App.3 and 4 respectively of this Chapter. It is an offence in breach of the NCR to refuse to cooperate with any official test procedure required by the Organisers and or the ASN. Such a breach may result in Disqualification from relevant Events and suspension of Competition Licence and referral to the National Court.

Specific matters relating to tyres

11. Tyres must comply with Regulations for the duration of an Event including any Regulations regarding tyre pressure.
12. Except FF1600 per Art. 12 below, treaded tyres must have a minimum of 1.6mm tread throughout the circumference of all tyres at the commencement of the relevant Competition.
13. FF1600 tyres must have a minimum of 1.0mm tread throughout the entire circumference of all tyres at the commencement of the relevant Competition.
14. Where tyre choice is free it is the responsibility of the Competitor to ensure that the tyres used are of adequate speed rating and construction for the Competition.

15. The fitment and / or use of pressure control valves is prohibited in Competition.

16. The use of chemical tyres softeners is prohibited unless specifically allowed in Official Documents.

17. Except for the use of inner tubes (where permitted by the tyre manufacturer), the interior of the tyres being the space between the wheel rim and internal tyre carcass must only be filled with air or nitrogen.
CHAPTER 8 PERMITTED FUELS AND TYRES AND TESTING

APPENDIX 1

Permitted Fuels

1. Use Pump Fuel (see definition below at Art.7 and Chapter 1 App.1 Nomenclature and Definitions) except, subject to prior written authority having been given by the ASN, where permitted otherwise under Official Documents.

2. If using LPG, the entire system must conform with Construction and Use Regulations and LPG Industry Technical Association Code of Practice No. 11.

3. If using non-pump fuel have a 3-inch diameter 'Day- Glo' orange disc affixed immediately adjacent to the Competition Numbers on both sides.

4. Any Vehicle using methanol must include an ASN approved additive which provides a distinguishable colour and smell when burning. The maximum permitted volume of additive within the fuel is 0.2%.

5. With the exception of Vehicles competing in Sprint and Hill Climb road going production category, I think that my bar for standards for men is Vehicles competing in British and ASN Titled Championships for, and all new build Vehicles for, Rallycross, Car Racing, Special Stage Rallying, Sprints and Hill Climbs must be equipped with the facility to enable a fuel sample to be taken. For fuel injected Vehicles the facility must be a dry break fuel sampling coupling, approved by the FIA, Competitors must carry and make available a 300mm minimum length of hose to which, where necessary, the appropriate mating part is to be attached.

6. All Vehicles must have sufficient fuel in the Vehicle fuel tank for a fuel test (App.2) present at any time during the Event.

7. The definition of 'Pump Fuel' is as follows:

   NOTE: The ASN reserves the right to amend these details to reflect any change occurring in the quality of fuel on general sale to the public in the UK.

   Also refer to Specifications Table below.

Petrol: Commercially available gasoline

   a. BS EN 228 (unleaded and super-unleaded).

   Petrol is a product refined from crude oil that contains a large number of identifiable compounds that can typically be 250 in number. These compounds can be identified and compared to the available petrol from major oil companies and suppliers.

   Unless otherwise stated or the distinction is made between leaded and unleaded petrol, the motor gasoline fuel shall meet the following:

   i. Acceptance levels for Octane Numbers will be accepted or rejected according to the Standard ASTM D.3244.

   ii. Only additives to this Motor Gasoline Fuel solely for the purpose of lead replacement are allowed.

   LRG (unleaded), Lead replacement gasoline (LRG also known as LRP): Only additives to unleaded motor gasoline, solely for the purpose of lead replacement, from Sodium, Phosphorous or Manganese are allowed, subject to application according to manufacturer’s instructions and to the treated fuel complying with the Specifications Table at Article 8 of this Chapter.
Lead in excess of EU Directive 98/70 EC requirements is illegal. This also applies to 'Free Fuel'.

The addition of a lubricant on current sale is permitted in fuels for use in 2-stroke engines.

For rotary engines, a 2-stroke oil with a minimum viscosity of 5 cSt at 100°C, may be added at a maximum concentration of 0.30% (mixing ratio of 300:1).

b. Petrol or Diesel in compliance with FIA Appendix J Art 252, Article 9. Or, for Karting, Petrol in accordance with CIK Technical Regulations Article 2.21.

c. LPG (Liquefied Petroleum Gas) which is of 99% wt. min. hydrocarbon composition and that is entirely gaseous at atmospheric temperature and pressure. Complying with BS EN589.

d. Diesel Automotive Gas Oil (DERV), commercially available, complying with BS EN 590 and EU Directive 98/70 EC (see Table below).

e. Bio Ethanol – Only permitted to be used with the specific approval of the ASN. Specifications available from the ASN Technical Department.

f. Bio Diesel – Only permitted to be used with the specific approval of the ASN. Specifications available from the ASN Technical Department.

8. SPECIFICATIONS TABLE

<table>
<thead>
<tr>
<th>PUMP FUEL – MOTOR GASOLINE</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS EN 228 (Unleaded)</td>
</tr>
<tr>
<td>MON (max)</td>
</tr>
<tr>
<td>RON (max)</td>
</tr>
<tr>
<td>Oxygen % (max)</td>
</tr>
</tbody>
</table>

| LRG (Unleaded) | Test |
| MON (max) | 89.0 | EN ISO 5163 |
| RON (max) | 100.0 | EN ISO 5164 |
| Lead (max) g/l | 0.005 | ASTM D3341/IP362/EN 237 |
| Oxygen % (max) | 2.7% w/w | Elemental |

Certain of the above values are additional to those specified in the standards referred to.

<table>
<thead>
<tr>
<th>PUMP FUEL – DIESEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS EN 590</td>
</tr>
<tr>
<td>Density 15°C kg/m³ (max)</td>
</tr>
<tr>
<td>Cetane Number (max)</td>
</tr>
<tr>
<td>Calculated Cetane Index (max)</td>
</tr>
<tr>
<td>Sulphur Content mg/kg (max)</td>
</tr>
</tbody>
</table>

At the discretion of the ASN the maximum Cetane and calculated Cetane numbers may be increased to 70.0 for National Competitions / Championships.
CHAPTER 8 PERMITTED TYRES AND FUEL AND TESTING

APPENDIX 2

Fuel (and other Vehicle fluids) Testing

1. Organisers and the ASN have the right at any time before, during or after a Permitted Event to check and or require the testing of any fuel used or presented by the Competitor for use in Competition. This includes fuels in a Vehicle at any time during or for the purpose of the Competition including any scrutineering of it connected to the relevant Competition and to any fuel present in the Competitor's pit or paddock area.

2. The Clerk of the Course must always be notified of the intention to carry out fuel checking and or testing.

3. The responsibility for the checking of fuels at Events is an Eligibility matter and shall be delegated to the Chief Scrutineer at the Event who in turn may delegate this responsibility to other Scrutineers appointed to the Event but who shall report to the Chief Scrutineer.

4. Any non-conformity of any fuel shall be reported by a Non-Compliance Report and which must be delivered to the Clerk of the Course or to the Stewards of the Event where the Clerk has no Judicial responsibility at an Event.

5. A Non-Compliance Report may be a Judgement of Fact provided that the Scrutineers concerned satisfy the criteria as Judges of Fact.

6. On receipt of a Non-Compliance Report the relevant Judicial body must deal with the matter by way of a formal Judicial Hearing pursuant to Chapter 2. App.8 Arts. 10 - 13. The result of the Judicial Hearing shall be published as an Official Document of the Event.

7. Fuels may be checked for eligibility under the Official Documents or for testing as set out below (FTP)

8. The analysis of a laboratory on the UKAS list or by an ASN approved comparison test will be a Judgement of Fact.

9. Any Eligibility Decision whereby it is determined that any fuel is in breach of the NCR shall be penalised in accordance with Chapter 2 App.8 Arts. 24 – 30 (subject always to Chapter 2 App. 8 Art.13 (a ruling in respect of exceptional reason)). The ASN may additionally refer the matter to the National Court for the consideration of additional penalties.

FTP

10. New unused ASN approved sample containers, capable of being sealed by the authorised sampling official must always be used for the storage of fuel samples.

11. Three samples will be taken and must individually be sealed and labelled in separate ASN approved containers as per Art. 10 above. An ASN Sealing Certificate must be completed and distributed as detailed on the Certificate. For Comparison Testing only one sample need be taken, providing the Vehicle remains secured in Parc Ferme to enable subsequent samples to be taken should this first sample confirm non-compliance.

Analysis Testing

12. Each sample must be a minimum of 1 litre.

13. Where there are less than 3 litres available, such that only two minimum 1 litre samples are available the Competitor forfeits their right to select a sample (Art.17 below) and the result of the ASN first test will conclusively determine the compliance or non-compliance of the fuel (Art.16 below).
14. If only a single minimum 1 litre sample is available, that sample alone will be tested in accordance with Art. 18 below and that test will conclusively determine the compliance or non-compliance of the fuel. Notification will be given under Art.35 below.

15. The results of all analysis testing will be compared for compliance with the relevant specification, detailed in this Chapter 8 Appendix 1: Pump Fuel, in accordance to the reproducibility of the test method.

16. Subject to Arts. 13 and 14 above the Entrant is entitled to select one of the samples for their retention (the “Entrant’s Sample”) and to nominate a testing laboratory on the list of the United Kingdom Accreditation Service (UKAS) for the independent testing of that sample, if required as per Art.20 below.

17. The remaining samples must be delivered by the Organisers to the ASN, normally within 7 days of the Event.

18. The ASN will then select one of these two samples at random and arrange testing of the selected sample at a laboratory on the UKAS list. The breaking of the seal must be witnessed by an appointed representative of the ASN.

19. The result of this ASN first test will be notified pursuant to Art.35 below.

20. If the result of this ASN first test indicates non-compliance then the Entrant may, within 14 days of being notified of this non-compliance (Art.35 below), submit the Entrant’s Sample for testing at the laboratory nominated by them (Art.16 above) and at their expense (Art.37 below). The Entrant must be given the opportunity to be present at this test and the test – including the breaking of the seal(s) – must be witnessed by an appointed representative of the ASN.

21. If the Entrant does not submit the Entrant’s Sample for testing within the said 14 days or if the result of their test confirms non-compliance then the fuel will be deemed ineligible and notification will be given under Art.35 below.

22. If the result of the Entrant’s test indicates compliance), then the ASN will arrange for the remaining third sample to be tested by a laboratory on the UKAS list not previously used in this particular testing process. The Entrant must be given the opportunity to be present at this test and the test – including the breaking of the seal(s) – must be witnessed by an appointed representative of the ASN.

23. Where testing takes place under Art.22 above then the result of this third test will conclusively determine the compliance or non-compliance of the fuel and notification will be given under Art.35 below.

Comparison Testing

24. Each sample must be a minimum of 50mL.

25. The results of all comparison testing will be compared for compliance with the results obtained from a sample taken from the same controlled source, at the beginning of the Event.

26. Comparison testing will only be implemented where fuel for the Event is mandated by the Organisers for all Competitors in the Class(es) to be drawn from a single controlled source. It is the sole method used when use of control fuel is mandatory.

27. One sample, selected at random, will normally be tested on-site in accordance with ASN approved procedures, by the authority nominated in those procedures.

28. If the result of this test indicates compliance then no further action will be taken.
29. If the result of this test confirms non-compliance then the Entrant will be informed and will be given the opportunity to select one of the two remaining sealed samples (Art.11 above) for testing in their presence and in accordance with the same ASN approved procedures (Art.27 above).

30. If the Entrant chooses not to have a sample tested, or if the result of this second test confirms non-compliance, then the fuel will be deemed ineligible and notification given under Art.35 below.

31. If the result of this second test indicates compliance then the remaining third sample will be tested in accordance with the same ASN approved procedures (Art.27 above); the Entrant must be given the opportunity to be present at this test.

32. Where testing takes place under Art.31 above then the result of this third test alone will conclusively determine the eligibility of the fuel and notification will be given under Art.35 below.

Storage of Samples

33. Samples retained by the ASN or its authorised Officials must be stored in a secure location.

34. If there is any evidence that any seal and / or container has been tampered with, then that sample will be deemed to have failed the relevant test.

Notification of Results

35. The result of either Analysis or Comparison fuel testing will be reported to the Entrant, the ASN or its authorised official and must be communicated to the Clerk of the Course, Technical Commissioner(s), Chief Scrutineer and Eligibility Scrutineer prior to the relevant Judicial Official proceeding in accordance with Arts. 6 and 9 above.

Cost of Testing

36. Unless fuel testing is specifically authorised by the ASN, the cost of testing shall be initially borne by the Club, organisation or individual requesting the test. However, whenever the conclusion of the testing procedure confirms non-compliance, then the Entrant shall be ultimately responsible for all costs and fees arising from the testing procedure.

37. Where the Entrant chooses to submit a selected sample for testing at a laboratory of their own choice (Art.20 above) then they will be responsible for all charges relating to that testing.

38. The Testing of Vehicle Fluids other than fuel

39. Three samples, each of equal volume, will be taken at the Event / Competition Venue and must be labelled and sealed. One sample will be tested by an ASN approved official using approved test equipment in accordance with ASN approved procedures.

40. The principles applied to the testing of fuel samples in this Appendix must be followed as appropriate for the testing of such other Vehicle fluids.
CHAPTER 8 PERMITTED TYRES AND FUELS AND TESTING

APPENDIX 3

Tyre Testing and Checking

1. Organisers have the right at any time during or after a Permitted Event to check and or require the testing of any tyre presented by the Competitor for use in Competition. This includes tyres presented on a Vehicle at any Scrutineering of it connected to the relevant Competition and to any tyre designated by the Competitor as a 'spare' including any 'wet use' tyre.

2. The Clerk of the Course must always be notified of the intention to carry out tyre checking and or testing.

3. The responsibility for the checking of tyres at Events is an Eligibility matter and shall be delegated to the Chief Scrutineer at the Event who in turn may delegate this responsibility to other Scrutineers appointed to the Event but who shall report to the Chief Scrutineer.

4. Any non-conformity of any tyre shall be reported by a Non Compliance Report and which must be delivered to the Clerk of the Course or to the Stewards of the Event where the Clerk has no Judicial responsibility at an Event.

5. A Non Compliance Report may be a Judgement of Fact provided that the Scrutineers concerned satisfy the criteria as Judges of Fact.

6. On receipt of a Non Compliance Report the relevant Judicial body must deal with the matter by way of a formal Judicial Hearing pursuant to Chapter 2. App.8 Arts. 10 - 13. The result of the Judicial Hearing shall be published as an Official Document of the Event.

7. Tyres may be checked for Eligibility under the Official Documents or for testing in relation to performance enhancing products (TTP) as set out below.

8. The analysis of a laboratory on the UKAS list or by an ASN approved comparison test will be a Judgement of Fact.

9. Any Eligibility Decision whereby it is determined that any tyre is in breach of the NCR shall be penalised in accordance with Chapter 2 App.8 Arts. 24 – 30 (subject always to Chapter 2 App. 8 Art.13 (a ruling in respect of exceptional reason)). The ASN may additionally refer the matter to the National Court for the consideration of additional penalties.

TTP

10. TTP may be carried out at any time, before, during, or after a Competition on the instructions of the ASN, Clerk of the Course, Technical Commissioner, Chief Scrutineer, Eligibility Scrutineer or the Stewards.

11. New unused ASN approved sample containers, or other containers approved by the ASN, capable of being sealed by the authorised sampling official must always be used for the storage of individual tyre rubber samples.

12. Where there is the possibility that the tyre(s) may have "picked up" rubber from the track surface, the Entrant shall be permitted (or may be required by the Eligibility or Chief Scrutineer) to remove the "pick up" from the tyre(s) with a mechanical device, such as a scraper. Rubber residue from the cleaning process must be collected and retained by the Chief Scrutineer for further testing as appropriate, and in a separate container as per Art.11 above.
13. Removal of rubber samples from the tyre must be done in a controlled and preferably clean environment within the Venue, such as in the scrutineering bay, and always under the supervision of the Chief Scrutineer or Eligibility Scrutineer. Removal onto a clean surface is essential. The tyre rubber sample(s) will then be subjected to testing in the approved manner as detailed below. The Competitor (or in the case of minors, the Competitor and PG) shall have the right to be present.

14. Three samples will be taken and must be sealed and labelled in separate ASN approved containers as per Art.11 above and an ASN Sealing Certificate must be completed and distributed as detailed on the Certificate. Prior to sealing, the samples should be wrapped in clean aluminium foil to prevent contact with any plastics.

15. Each sample must be a minimum of 1mm width, 25mm length and 0.3mm depth.

16. Each sample shall be placed and sealed in an ASN tamper-proof evidence bag.

Analysis Testing

17. The results of all analysis testing will be compared for compliance with the relevant tyre manufacturer’s specification for that model retained by the ASN.

18. The Entrant is entitled to select one of the samples for their retention (the “Entrant’s Sample”) and to nominate a testing laboratory on the list of the United Kingdom Accreditation Service (UKAS) for the independent testing of that sample, if required as per Art. 22 below.

19. The remaining two samples must be delivered by the organisers to the ASN, normally within 7 days of the Event.

20. The ASN will then select one of these two samples at random and arrange testing of the selected sample at a laboratory on the UKAS list, or a laboratory approved by another ASN. The breaking of the seal must be witnessed by a representative of the ASN.

21. The result of this ASN first test will be notified pursuant to Art.36 below.

22. If the result of this ASN first test confirms noncompliance then the Entrant may, within 14 days of being notified of this non-compliance, submit the Entrant’s Sample for testing at the laboratory nominated by them (Art.18 above) and at their expense (Art.38 below). The Entrant must be given the opportunity to be present at this test and the test, including the breaking of the seal(s), must be witnessed by a representative of the ASN.

23. If the Entrant does not submit the Entrant’s Sample for testing within the said 14 days, or if the result of their test confirms non-compliance, the tyre(s) will be deemed ineligible and notification will be given under Art.36 below.

24. If the result of the Entrant’s test confirms compliance, then the ASN will arrange for the remaining third sample to be tested by a laboratory on the UKAS list not previously used in this particular testing process. The Entrant must be given the opportunity to be present at this test and the test, including the breaking of the seal(s), must be witnessed by a representative of the ASN.

25. Where testing takes place under Art.34 above, the result of this third test will conclusively determine the compliance or non-compliance of the tyre(s). Notification will be given in accordance with Art.36.

Comparison Testing

26. The results of all comparison testing will be compared for compliance with the results obtained from a sample taken from the same manufacturer and model of tyre, from the same controlled source, at the beginning of the Event.
27. Comparison testing will only be implemented where tyres for the Event are mandated by the Organisers for all Competitors in the class(es) to be drawn from a single controlled source.

28. One sample, selected at random, will normally be tested on-site by an ASN approved official and in accordance with ASN approved procedures.

29. If the result of this test confirms compliance then no further action will be taken.

30. If the result of this test confirms non-compliance, the Entrant will be informed and will be given the opportunity to select one of the two remaining sealed samples for testing in their presence.

31. If the Entrant chooses not to have a sample tested, or if the result of this second confirms non compliance then the tyres will be deemed ineligible and notification given under Art.36 below.

32. If the result of this second test confirms compliance, then the remaining third sample will be tested; the Entrant must be given the opportunity to be present at this test.

33. Where testing takes place under Art.32 above the result of this third test alone will conclusively determine the eligibility of the tyre(s) and notification will be given under Art.36 below.

Storage of Samples

34. Samples retained by the ASN or its authorised Officials must be stored in a secure location.

35. If there is any evidence that any seal and/or container has been tampered with, then that sample will be deemed to be invalid.

Notification of Results

36. The result of either Analysis or Comparison tyre testing will be reported to the ASN or its authorised official and must be communicated to the Entrant, Clerk of the Course, Technical Commissioner(s), Chief Scrutineer and Eligibility Scrutineer prior to the relevant Judicial Official proceeding in accordance with Arts. 6 and 9 above.

Cost of Testing

37. Unless TTP is specifically authorised by the ASN the cost of testing shall be initially borne by the Club, organisation or individual requesting the test. However, whenever the conclusion of the testing procedure confirms non-compliance, then the Entrant shall be ultimately responsible for all costs and fees arising from the testing procedure.

38. Where the Entrant chooses to submit a selected sample for testing at a laboratory of their own choice pursuant to Art.22 above then they will be responsible for all charges relating to that testing.
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APPENDIX 3

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1. Organisers have the right at any time during or after a Permitted Event to check and or require the testing of any tyre presented by the Competitor for use in Competition. This includes tyres presented on a Vehicle at any Scrutineering of it connected to the relevant Competition and to any tyre designated by the Competitor as a 'spare' including any 'wet use' tyre.

2. The Clerk of the Course must always be notified of the intention to carry out tyre checking and or testing.

3. The responsibility for the checking of tyres at Events is an Eligibility matter and shall be delegated to the Chief Scrutineer at the Event who in turn may delegate this responsibility to other Scrutineers appointed to the Event but who shall report to the Chief Scrutineer.

4. Any non-conformity of any tyre shall be reported by a Non Compliance Report and which must be delivered to the Clerk of the Course or to the Stewards of the Event where the Clerk has no Judicial responsibility at an Event.

5. A Non Compliance Report may be a Judgement of Fact provided that the Scrutineers concerned satisfy the criteria as Judges of Fact.

6. On receipt of a Non Compliance Report the relevant Judicial body must deal with the matter by way of a formal Judicial Hearing pursuant to Chapter 2. App.8 Arts. 10 - 13. The result of the Judicial Hearing shall be published as an Official Document of the Event.

7. Tyres may be checked for Eligibility under the Official Documents or for testing in relation to performance enhancing products ('TTP') as set out below.

8. The analysis of a laboratory on the UKAS list or by an ASN approved comparison test will be a Judgement of Fact.

9. Any Eligibility Decision whereby it is determined that any tyre is in breach of the NCR shall be penalised in accordance with Chapter 2 App.8 Arts. 24 – 30 (subject always to Chapter 2 App. 8 Art.13 (a ruling in respect of exceptional reason)). The ASN may additionally refer the matter to the National Court for the consideration of additional penalties.

TTP

10. TTP may be carried out at any time, before, during, or after a Competition on the instructions of the ASN, Clerk of the Course, Technical Commissioner, Chief Scrutineer, Eligibility Scrutineer or the Stewards.

11. New unused ASN approved sample containers, or other containers approved by the ASN, capable of being sealed by the authorised sampling official must always be used for the storage of individual tyre rubber samples.

12. Where there is the possibility that the tyre(s) may have "picked up" rubber from the track surface, the Entrant shall be permitted (or may be required by the Eligibility or Chief Scrutineer) to remove the "pick up" from the tyre(s) with a mechanical device, such as a scraper. Rubber residue from the cleaning process must be collected and retained by the Chief Scrutineer for further testing as appropriate, and in a separate container as per Art.11 above.
13. Removal of rubber samples from the tyre must be done in a controlled and preferably clean environment within the Venue, such as in the scrutineering bay, and always under the supervision of the Chief Scrutineer or Eligibility Scrutineer. Removal onto a clean surface is essential. The tyre rubber sample(s) will then be subjected to testing in the approved manner as detailed below. The Competitor (or in the case of minors, the Competitor and PG) shall have the right to be present.

14. Three samples will be taken and must be sealed and labelled in separate ASN approved containers as per Art.11 above and an ASN Sealing Certificate must be completed and distributed as detailed on the Certificate. Prior to sealing, the samples should be wrapped in clean aluminium foil to prevent contact with any plastics.

15. Each sample must be a minimum of 1mm width, 25mm length and 0.3mm depth.

16. Each sample shall be placed and sealed in an ASN tamper-proof evidence bag.

Analysis Testing

17. The results of all analysis testing will be compared for compliance with the relevant tyre manufacturer’s specification for that model retained by the ASN.

18. The Entrant is entitled to select one of the samples for their retention (the “Entrant’s Sample”) and to nominate a testing laboratory on the list of the United Kingdom Accreditation Service (UKAS) for the independent testing of that sample, if required as per Art. 22 below.

19. The remaining two samples must be delivered by the organisers to the ASN, normally within 7 days of the Event.

20. The ASN will then select one of these two samples at random and arrange testing of the selected sample at a laboratory on the UKAS list, or a laboratory approved by another ASN. The breaking of the seal must be witnessed by a representative of the ASN.

21. The result of this ASN first test will be notified pursuant to Art.36 below.

22. If the result of this ASN first test confirms noncompliance then the Entrant may, within 14 days of being notified of this non-compliance, submit the Entrant’s Sample for testing at the laboratory nominated by them (Art.18 above) and at their expense (Art.38 below). The Entrant must be given the opportunity to be present at this test and the test, including the breaking of the seal(s), must be witnessed by a representative of the ASN.

23. If the Entrant does not submit the Entrant’s Sample for testing within the said 14 days, or if the result of their test confirms non-compliance), the tyre(s) will be deemed ineligible and notification will be given under Art.36 below.

24. If the result of the Entrant’s test confirms compliance, then the ASN will arrange for the remaining third sample to be tested by a laboratory on the UKAS list not previously used in this particular testing process. The Entrant must be given the opportunity to be present at this test and the test, including the breaking of the seal(s), must be witnessed by a representative of the ASN.

25. Where testing takes place under Art.34 above, the result of this third test will conclusively determine the compliance or non-compliance of the tyre(s). Notification will be given in accordance with Art.36.

Comparison Testing

26. The results of all comparison testing will be compared for compliance with the results obtained from a sample taken from the same manufacturer and model of tyre, from the same controlled source, at the beginning of the Event.

2025 National Competition Rules Chapter 8 Appendix 3 Tyre Testing and Checking
27. Comparison testing will only be implemented where tyres for the Event are mandated by the Organisers for all Competitors in the class(es) to be drawn from a single controlled source.

28. One sample, selected at random, will normally be tested on-site by an ASN approved official and in accordance with ASN approved procedures.

29. If the result of this test confirms compliance then no further action will be taken.

30. If the result of this test confirms non-compliance, the Entrant will be informed and will be given the opportunity to select one of the two remaining sealed samples for testing in their presence.

31. If the Entrant chooses not to have a sample tested, or if the result of this second confirms non compliance then the tyres will be deemed ineligible and notification given under Art.36 below.

32. If the result of this second test confirms compliance, then the remaining third sample will be tested; the Entrant must be given the opportunity to be present at this test.

33. Where testing takes place under Art.32 above the result of this third test alone will conclusively determine the eligibility of the tyre(s) and notification will be given under Art.36 below.

**Storage of Samples**

34. Samples retained by the ASN or its authorised Officials must be stored in a secure location.

35. If there is any evidence that any seal and/or container has been tampered with, then that sample will be deemed to be invalid.

**Notification of Results**

36. The result of either Analysis or Comparison tyre testing will be reported to the ASN or its authorised official and must be communicated to the Entrant, Clerk of the Course, Technical Commissioner(s), Chief Scrutineer and Eligibility Scrutineer prior to the relevant Judicial Official proceeding in accordance with Arts. 6 and 9 above.

**Cost of Testing**

37. Unless TTP is specifically authorised by the ASN the cost of testing shall be initially borne by the Club, organisation or individual requesting the test. However, whenever the conclusion of the testing procedure confirms non-compliance, then the Entrant shall be ultimately responsible for all costs and fees arising from the testing procedure.

38. Where the Entrant chooses to submit a selected sample for testing at a laboratory of their own choice pursuant to Art.22 above then they will be responsible for all charges relating to that testing.
CHAPTER 8 PERMITTED FUEL AND TYRES AND TESTING

APPENDIX 4

Permitted Tyre Lists

1. Certain Championships define the types of tyre permitted to be used and Competitors it is the Competitor's responsibility to check the requirements in all Event and Official Documents which will specify the Permitted Tyres.

Production Tyres

2. The tyres in List 1A are regarded by the manufacturers as Standard Road Tyres. They may have wear bars moulded into the tread to show 1.6mm remaining pattern depth. These are set at six positions around the circumference of the tyre and extend across its width. If any of the wear bars are level with the tread surface at pre-Event scrutineering the Vehicle will not be allowed to compete.

3. Tyres with sidewall markings removed will be prohibited in all Events unless they are correctly marked 'Retread' or 'Remould'.

4. For Production Saloon and Sports Car racing, only standard road tyres in List 1A are permitted, and only to rim and tyre sizes as laid down for specific car models on Production Car Specification Sheets.

5. All tyres must carry an EEC 30 or EEC 108 'E' mark. It is illegal to supply for Public Highway use new or part-worn tyres that are not 'E' or 'e' marked tyres (ie marked in accordance with requirements of EEC Regulation 30, 30.1, 30.2 or EC Directive 92/23). This includes VR and ZR tyres (previously exempt).

6. All new tyres sold from 01.11.2012 must be labelled in accordance with EU Reg 1222/2009.

7. All new tyres produced after 01.11.2014 must be marked in accordance with UNECE Regulation 117 (ie carry S, W and R markings).

8. Some tyres in Lists 1A and 1B may have additional sidewall markings denoting specific fitment at OE These markings may be in the vicinity of the range name or after the size designation (eg NO, MO,*). Such tyres with additional markings are accepted as equivalent to tyres designated in Lists 1A and 1B.

9. Tyres marked with an asterisk may be removed from the Lists. See official bulletins for details. Additional tyres may be added to the lists at any time (see official bulletins for details).

10. Run-flat variants of tyres listed in 1A are permitted. Tyre pressure monitoring devices should be used on run-flat tyres.

11. Tyre List 1C is solely for Competition Tyres complying with EEC Regulation 30 but not regulation 117.

Tyres for All Rallies

12. For Rallies, all tyres used on the Public Highway must comply with the relevant Motor Vehicle Construction and Use Regulations, in addition to requirements specified in R18.4. (Road Rallies), R19.7. (Historic Road Rallies), R20.1.14 (Endurance Road Rallies), R.48.5 (Stage Rallies) and R49.10 (Historic Stage Rallies), and the following regulations.

13. At all times during an Event the tread depth must not be less than 1.6mm over at least three quarters of the tread pattern.

14. Tyres marked 'For Racing Purposes Only' are prohibited on all Rallies.

2025 National Competition Rules Chapter 8 Appendix 4 Permitted Tyre Lists
Tyres for Road Rallies
15. For all Road, Navigation, Targa Road and Historic Road Rallies tyres are free subject to the following:
   a. Tyres on the current FIA List of Asphalt Eligible Tyres are permitted; including sizes not homologated;
   b. Tyres on List 1B (from 2020) and List 1C are not permitted other than the Avon CR28, the Avon CR6ZZ and the Pirelli P7 Corsa Classic, for pre 1/10/90 registered cars, the Yokohama A021R (manufactured before 01/11/14), and the Yokohama Advan A052;
   c. Tyres marked for ‘Competition use’ are not permitted with the exception of tyres on List 6 and 3.2a.
16. For Endurance Road Rallies only tyres on List 4 are permitted.

Tyres for Stage Rallies
17. FIA homologated tyres are recommended for asphalt stage rallies. All tyres contained in Lists 1A, 1B and 6 are authorised for use on all sealed surface Stage Rallies.
18. Only tyres from List 6 are authorised for use on unsealed surface stages taking place on the national forest estates (FCS/FCE/NRW).
19. Additionally, for Single Venue Stage Rallies, where no part of the itinerary traverses the Public Highway, tyres from List 1C are authorised.
20. NOTE TO COMPETITORS: road legal List 1A tyres and some specialist motor sport tyres may not have strengthened sidewalls more normally used in the construction of tyres in List 1B and Rally tyres homologated by the FIA.
21. With the exception of tyres specified in List 1A, 1B (1C SVSRs where permitted) and 6, hand cutting is permitted, but only for the purpose of introducing additional grooves no deeper than those moulded into a new tyre. Hand cutting in order to increase the depth of existing moulded grooves is prohibited for all tyres.

LIST 1A
Production Tyres Suitable for Competition
22. It is prohibited to re-groove tyres in this list.

AVON
- ZV 7
- ZT 7

BLOCKLEY
- BR1 (pre 1/10/90)

BRIDGESTONE
- Potenza RE050, RE050A
- Potenza RE070R
- Potenza S007
- Potenza S001
- Potenza S005
- Potenza Sport
- (1)Potenza Race
(1) Only applicable where an OE fitting. Contact the ASN Technical Department for verification.

CONTINENTAL
- ContiSportContact 2
- ContiEcoContact 3
- ContiSportContact 5
- ContiPremiumContact 5
- ContiEcoContact 5
- ContiPremiumContact 2
- ContiSportContact 3
- ContiSportContact 5P
- SportContact 6
- PremiumContact 6
- EcoContact 6
- UltraContact
- PremiumContact 7
- SportContact 7

COOPER
- CS7 (incl. CS7 Avon Academy)

DUNLOP
- SP Sport 01
- SP Sport 600
- SP Sport Aquajet/CB73
- SP Sport Maxx GT
- SP Sport Maxx RT
- SP Sport Blue Response
- SP Sport Maxx RT2
- SP Sport Maxx Race 2
- SP Street Response 2
- SP Sport Maxx
- SP Sport FastResponse

GITI
- Sport S1
- Sport S2
- GitiSynergy E1

GOODYEAR
- Eagle F1 Asymmetric 2
- Eagle F1 Asymmetric 3
- Efficient Grip Performance
• Eagle F1 SuperSport
• Eagle F1 SuperSport R
• Eagle F1 SuperSport RS
• Efficient Grip Compact
• Efficient Grip Performance 2
• Eagle F1 Asymmetric 5
• Eagle F1 Asymmetric 6

**GT RADIAL**
• Sport Active
• Sport Active 2
• FE2

**HANKOOK**
• Kinergy Eco
• Kinergy Eco2
• Ventus S1 Evo2
• Ventus Prime 3
• Ventus V12 Evo2
• Ventus Prime 2
• Ventus Prime 4
• Ventus S1 Evo3
• (1)Ventus S1 Evo2

(1) Only applicable where an OE fitting. Contact the ASN Technical Department for verification.

**KUMHO**
• Ecsta PS91

**MICHELIN**
• Pilot Sport (Excludes Pilot Sport Cup and all Competition tyres)
• Pilot Sport 3
• (1)Pilot Sport Cup 2R (1) Only applicable where an OE fitting. Contact the ASN Technical Department for verification.
• Pilot Sport Cup 2
• Pilot Sport 4 (including PS4S)
• Pilot Sport 5
• Pilot Sport PS2
• Pilot Exalto PE2

**NANKANG**
• NS-20
• AS-1
• XR-611
• AS-2

**PIRELLI**
• P Zero Nero
• P Zero
• *Cinturato P7
• *CA67
• CN12
• P7
• P Zero Nero GT

TOYO
• Proxes T1-R
• Proxes T1 Sport
• 330
• 310
• NanoEnergy 3
• Proxes CF2
• Proxes Sport
• Proxes TR1
• Proxes Sport 2
• Proxes Comfort

UNIROYAL
• RainSport 3
• RainExpert 3
• RainSport 5
• RainExpert 5

YOKOHAMA
• A 008 (Advan HF Type D)
• A 539
• Advan Sport V103
• *Advan Neova AD07
• *AS 01 (S Drive)
• AC 02 (C Drive 2)
• Advan Sport V105
• Blue Earth AE50
• Advan Fleva V701
• A 008 P
• GT Special Classic Y350 (pre 1/10/90)
• Advan Sport V107

LIST 1B
23. Sports/Up-rated Tyres Suitable for Competition
24. **Clubs** wishing to use these tyres in **Events** or **Championships** must apply in writing to the **ASN** and **Official Documents** must provide for their use. These tyres are prohibited for **Production Car Racing**.

25. Some tyres below are available in compounds which are not E-marked. Only those tyres below that are E-marked are valid.

26. **EU Regulation 1222/2009** for tyre labelling exempts tyres designed for use on **Vehicles** first registered before the 1st October 1990, therefore a number of tyres remaining on **List 1b** will only be valid for **Vehicles** registered before this date, those tyres are appropriately annotated below.

27. It is prohibited to re-groove tyres in this list.

**ACCELERA**

- 651 Sport (including XTRA)

**AVON**

- ACB 10 Sport (pre 1/10/90)
- CR6ZZ (Including Sport) (pre 1/10/90)
- Turbospeed CR28 Sport (pre 1/10/90)
- *CR500
- ZZS
- ZZR (8018 & 8019)
- CR27 (pre 1/10/90)

**BRIDGESTONE**

- Potenza Race

**COOPER**

- RS3–RS
- Rally Classic CT01 (pre 1/10/90)

**EXTREME**

- VR1 (Marked either V2, S3, S4) (retread)
- VR2 (including NK) (Marked either R7a, R9a, S3, HL) (retread)

**GITI**

- Sport GTR3

**HANKOOK**

- Ventus TD

**INTERSTATE**

- *Race DNRT

**MAXSPORT**

- RB5 (Marked either Hard, Medium) (retread)
- RB6 (Marked either Hard, Medium) (retread)

**MICHELIN**

- *Pilot Sport Cup 2
- Pilot Sport Cup 2R
NANKANG
- NS–2R
- AR–1
- CR–1

OTANI
- BM2000

PIRELLI
- *CA67
- P Zero Corsa
- P7 Corsa Classic (Pre 1/10/1990 only)
- P Zero Trofeo R
- CN36

TOYO
- *Proxes R888
- Proxes R888R

YOKOHAMA
- A032 – R (165/70x10 only)
- *A048 – LTS (OE fitments marked LTS in sizes 195/50x16 & 225/45x17 only)
- *Advan Neova AD08R
- Advan A052
- Advan Neova AD09
- Advan Neova AD08RS (Marked S2WR2)

ZESTINO
- Gredge 07R
- Gredge 07RS

LIST 1C
28. Sports/Uprated Tyres Suitable for Competition
29. Clubs wishing to use these tyres in Events or Championships must apply in writing to the ASN and Official Documents must provide for their use. These tyres are prohibited for Production Car Racing.
30. Tyres listed on 1B as valid for Vehicles first registered before 01/10/1990 are valid in 1c where fitted to Vehicles first registered after 01/10/1990.
31. It is prohibited to re-groove tyres in this list.

AVON
- ZZR
- ZZS RT7

COOPER
- RS 3-R

DUNLOP

2025 National Competition Rules Chapter 8 Appendix 4 Permitted Tyre Lists
• Direzza DII
• Direzza DZ03G
• Sport Maxx Race
• Direzza DIII

EXTREME
• VR1 (Marked either *W3, W3A, W5) (Retread)
• VR2 (Marked either R5a, *W3, W3A) (Retread)

GITI
• Compete GTR 2

HANKOOK
• Ventus RS4

KUMHO
• Ecsta V700 (including V70A) (Any Compound)

MAXSPORT
• RB5 (Marked Soft) (retread)
• RB6 (Marked Soft) (retread)

MICHELIN
• TB15 (including +)
• TB5 (f & r) (including +)

MRF
• ZTR (Marked Trackday)

YOKOHAMA
• A021-R
• A048
• A050

LIST 2
32. See NCR Chapter 17 (Trials) for details of Permitted tyres
33. It is prohibited to re-groove tyres in this list.

LIST 3
34. Tyres for Sporting Car Trials
35. It is prohibited to re-groove tyres in this list.

MAXXIS
• *MA-510N
• *ME-3

MICHELIN
• XZX

NANKANG

2025 National Competition Rules Chapter 8 Appendix 4 Permitted Tyre Lists
• *CX668
• *NA-1

TOYO
• *330

VREDESTEIN
• T-Trac 2

YOKOHAMA
• GT Special Classic 350

LIST 4

36. Tyres for Endurance Road Rallies
37. It is prohibited to re-groove tyres in this list.

AVON
• Avanza
• CR6ZZ (not Sport or 6751)
• Ice Touring

COLWAY
• *Road Plus

FALCON
• PCS23

FALKEN
• KK07E (10in)
• ZIEX-ZE912

FIRESTONE
• F580C
• *Multihawk Van
• *F580 (Incl. Fuel Saver)
• Vanhawk

PIRELLI
• 190 Snow Control

SPORTWAY
• R1
• R1+

VREDESTEIN
• Quatrac 2

LIST 5

38. Tyres for Cross Country Events
39. It is prohibited to re-groove tyres in this list.
40. **Competitive Safaris** and **Hill Rallies** and **Point to Point** must specify **Tyre Eligibility** in **Official Documents**. See Chapter 20 App.10. Art.20

**LIST 6**

41. Tyres for unsealed surface **Stage Rallies**:  
42. Other than as specified below only the tyres listed here are permitted for **Stage Rallies** in the **National Forest Estates**.
43. **Vehicles** using wheels of 12in diameter or less are exempt but the tyres may not be hand cut in any form.
44. **Cross Country Vehicles** with a valid **CCLB** and for which a suitable fitting is not available may use tyres from Lists 5(a) or 5(b).
45. Where conditions dictate the **Clerk of the Course**, with the agreement of the Stewards of the **Event**, may declare the **Event** to be of "Winter Conditions" and suspend the requirement to comply with **Tyre List 6**.
46. It is prohibited to re-groove tyres in this list.

**ACCELERA**
- RA162

**AVON**
- SFR
- M&S (incl. Cooper)
- M&S Evo (incl. Cooper)

**COOPER**
- Discoverer Gravel DG1

**DMACK**
- DMG+
- DMG+2
- DMG1
- DMG2
- DMG3
- Surface Saver
- DMG+22

**DUNLOP**
- DZ86 R/RW
- DZ87R
- SP61/82
- SP85
- Direzza 88R

**FEDERAL**
- G10

**HANKOOK**
- R201
- R202
- R203 NEW
- R203
- R204
- R211
- R213

**HOOSIER**
- GTS
- GTM
- GTH

**KUMHO**
- R800
- R900

**MAXSPORT**
- RB3 Narrow
- RB3 Ultra
- RB3

**MAXXIS**
- Victra R19

**MICHELIN**
- FB
- LATCROSS HR/HL
- TL40
- TL
- TZ
- TZS
- LTX Force T
- LTX Force T XL
- G70 / G80 / G90

**MRF**
- ZDM3
- ZG1
- ZG2
- ZGM
- ZVH1
- ZG3
- ZG4
- ZDM2

**PIRELLI**
- GM
• K
• KM
• XR
• Scorpion XR
• WRC Scorpion K**
• T

YOKOHAMA
• A035
• A035E
• A036
• A053