

TECHNICAL & SPORTING REGULATIONS 2018

GREENPOWER EDUCATION TRUST

Greenpower
INSPIRING ENGINEERS



Global Partner

SIEMENS

National Partner

IEET Education
The Institution of
Engineering and Technology

National Partner

BMW

Official Tools Provider

SILVERLINE

Global Technology Partner

SOLID EDGE



OVERVIEW

All cars entered for any IET Formula Goblin event organised by Greenpower will be built only using components supplied by Greenpower in the Goblin kit car, or subsequent replacement parts and upgrades. All cars must, in addition, comply with the following regulations. All cars will be subject to pre-event and possible post-event scrutineering (race day safety check) to ensure compliance.

Remember that the project is for the benefit of the young people involved. It is important to ensure that they are as involved in as much of the build and bodywork design of the car as possible.

REGULATIONS 2018

T1 - TECHNICAL

- T1.1. The motor is sealed by the manufacturer and must not be opened.
- T1.2. Batteries must be brought to events fully charged as no battery charging is permitted at events.
- T1.3. Batteries must be clamped to the chassis of the car using the supplied battery clamp only.
- T1.4. The floor of the car must be fitted with no large gaps to the ground.
- T1.5. The top of the driver's crash helmet must be below roll bar height at all times.
- T1.6. The driver must be able to reach and operate steering and brakes comfortably.
- T1.7. Bodywork must cover the entire length of both sides and the front of the car.
- T1.8. Bodywork must not cover the main red isolator switch at the rear of the car.
- T1.9. There must be no sharp edges on bodywork.
- T1.10. Bodywork at the front of the car must be made of deformable material.





- T1.11. The brakes must be correctly set up, so that when applied prevent the car from being pushed.
- T1.12. The safety harness must be tightly adjusted for each driver.
- T1.13. Drivers must be aged 9 – 11 (inclusive) only.
- T1.14. Safety equipment must be worn at all times when driving:
 - Full face crash helmet with chin protection, securely strapped in place. Visors or eye protection must be used.
 - Long hair must be tucked into crash helmets or clothing.
 - Overalls or long sleeved tops and trousers.
 - Full sturdy gloves, not fingerless/half finger gloves.
- T1.15. All drivers must know about all aspects of the car, especially including how to isolate the power.
- T1.16. It is recommended that all drivers have experience in driving before arriving at an event.
- T1.17. Always transport and charge batteries in a safe environment where there is no danger of metal parts coming into contact with the battery terminals. Always charge in accordance with manufacturers' instructions.

TERMS OF ENTRY

By entering for any Greenpower Education Trust organised event, the team are agreeing to the following Terms of Entry:

1. Published regulations may be subject to change. In the event of this happening, notification will be sent to all entered teams and posted on the Greenpower website.
2. All vehicles will be subject to pre-event and possible post-event scrutineering to ensure compliance.
3. The vehicle and required drivers must be presented at scrutineering (race day safety check) in a race ready configuration.
4. Supplementary Regulations specific to each event will be published approximately two weeks beforehand and sent by email to all entrants for that event.
5. Greenpower's scrutineers and officials accept no responsibility for damage caused to cars whilst performing safety checks, recovery or rescue during an event.
6. Whilst these regulations, the scrutineers and other officials endeavour to ensure vehicles are safe to participate, ultimate responsibility lies with the entrant.
7. Whilst compliance with the Technical and Sporting Regulations should result in a compliant vehicle, race officials reserve the right to prevent a vehicle racing.
8. It is understood that all persons participating in events under these rules are doing so at their own risk and the entrant will ensure that all competitors will have disclaimers (as provided by Greenpower) signed by their parents or guardians prior to competing.

9. Greenpower ensure that Public Liability and Personal Accident Insurance for participants is always in place for events under their control and accept no liability for events organised by third parties or team practice sessions.
10. As part of communications activity, Greenpower regularly uses photography for publicity purposes. Entrants must ensure all participants are aware of this and the necessary permission is obtained. If permission is not granted, Greenpower must be notified prior to every event in which the participant takes part.

Team leaders with less able students wishing to participate, who may have special requirements with regard to the regulations, should contact Greenpower who will be pleased to assist in any way possible.



SOCIAL MEDIA

For Greenpower Social Media updates please follow these handles:



/GreenpowerRacing



/Greenpowertrust



/Greenpowertrust



/company/greenpower-education-trust

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MORE INFORMATION

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