

## Risk Assessment for Goblin Events at UK Locations 2025

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Circulation: Greenpower staff, volunteers, and anyone by request.



| Consequences                  |                                          |                                        |                                    |                   | Likelihood        |              |                   |            |                      |
|-------------------------------|------------------------------------------|----------------------------------------|------------------------------------|-------------------|-------------------|--------------|-------------------|------------|----------------------|
| 1 = Insignificant (no injury) | 2 = Minor (injuries requiring first aid) | 3 = Moderate (up to 3 days of absence) | 4 = Major (over 3 days of absence) | 5 = Fatal (death) | 1 = Very unlikely | 2 = Unlikely | 3 = Fairly likely | 4 = Likely | 5 = Extremely likely |

Comments: Risk Assessments of the site are the responsibility of the organisers at the venue.

| Activity                    | Hazard                 | People affected | Risk (consequences x likelihood) | Existing control measures                                                                                                                                                                                                                                                                                                                                                                                                               | Residual Risk | Additional Actions                                  |
|-----------------------------|------------------------|-----------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------|
| Travel to and from location | Accident on route      | All             | 4 x 2 = 8                        | <ul style="list-style-type: none"> <li>Teams organising own transport and insurance until at the event.</li> <li>Volunteers are responsible for getting to and from events.</li> <li>Greenpower staff have all relevant insurance and licences to drive vehicles to event.</li> <li>Greenpower will follow the HSE driving at work recommendations to keep risk at a minimum.</li> <li>Schools have off site activity policy</li> </ul> | Low           | <p>Vigilance by staff</p> <p>Vigilance by teams</p> |
| People movement             | Trips, slips and falls | All             | 3x2=6                            | <ul style="list-style-type: none"> <li>Health and Safety information to be given at volunteer and team briefing.</li> </ul>                                                                                                                                                                                                                                                                                                             | Low           | Vigilance by Greenpower staff and volunteers        |

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|  |                                  |                                                              |       | <ul style="list-style-type: none"> <li>• Teacher/Supervisor/Team Leader to accompany group at all times.</li> <li>• Teacher/supervisors, volunteers and Greenpower staff to be vigilant on actions undertaken.</li> <li>• First aiders to be present on site at all times. Build up and take down.</li> <li>• Volunteers and teams to contact Greenpower staff in the event of an accident.</li> <li>• Staff and volunteers to take care to use correct lifting techniques and use trolley/lifting equipment where available/suitable.</li> </ul>                    |     |                                                                    |
|  | Batteries, other heavy equipment | Greenpower staff, Students, Volunteers, Teachers/Supervisors | 4x2=8 | <ul style="list-style-type: none"> <li>• Batteries used are of the safest possible construction with no danger of acid leaks.</li> <li>• All batteries inspected for danger of shorting and damage at scrutineering.</li> <li>• All batteries are heavy and must be handled in accordance with lifting guidelines. Batteries must only be lifted one at a time, not in pairs, and trolleys must be used when appropriate by teams.</li> <li>• Teachers/ Supervisors/ team leaders to ensure students are briefed about lifting heavy items and equipment.</li> </ul> | Low | Vigilance from Greenpower staff, teacher/supervisor and volunteers |

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| Practice and racing on track | Injury on track.           | Greenpower staff, Students, Volunteers | 4x2=8 | <ul style="list-style-type: none"> <li>• Health and Safety information to be given at team and volunteer briefings. GP staff to brief team on driving procedures. Teacher/supervisors to reinforce.</li> <li>• All team members to be given a mandatory safety briefing covering driving etiquette and safety.</li> <li>• First aiders to be present at all times on site.</li> <li>• Drivers stopped for dangerous driving and given appropriate penalties.</li> <li>• Safety of car inspected at scrutineering and ensure compliance with regulations at all times.</li> <li>• Drivers always to wear mandatory safety equipment, checked before the start of all races and before they re-enter the track at pit exit.</li> </ul> | Low | Vigilance and quick response from Greenpower staff and volunteers |
|                              | Injury in the paddock/pits | All                                    | 4x2=8 | <ul style="list-style-type: none"> <li>• Health and Safety information to be given at team and volunteer briefings</li> <li>• Teacher/supervisors/ GP staff to brief teams on driving and pit procedures</li> <li>• Driving and pit procedures highlighted in regulations and pre-race information.</li> <li>• First aiders to be present at all times</li> </ul>                                                                                                                                                                                                                                                                                                                                                                    | Low | Vigilance by Greenpower staff and volunteers                      |

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|  |                                                             |                      |         | <ul style="list-style-type: none"> <li>Isolating switches to be always turned to off when vehicle is stationary.</li> <li>All team members and volunteers briefed on pit procedures prior to events.</li> <li>No cars to be driven under power in the paddocks / pits.</li> </ul>                                                                                                                                                            |     |                                               |
|  | Loose objects on track, parts falling off of cars.          | Students, Volunteers | 4x2=8   | <ul style="list-style-type: none"> <li>All drivers must have protective equipment required by regulations and checked at each start/driver change by volunteers.</li> <li>Race surface checked regularly for loose objects by marshals and volunteers. These are removed as soon as it is safe to do so.</li> <li>All cars are black flagged or held in the pits if they have any insecure items on their vehicles.</li> </ul>               | Low | Vigilance from staff and volunteers.          |
|  | Cars colliding with spectators or other competing vehicles. | All                  | 4x2 = 8 | <ul style="list-style-type: none"> <li>All viewing areas are surrounding by sufficient barriers or are kept an adequate distance from the track.</li> <li>Access is blocked and monitored in appropriate event areas, preventing pedestrians from entering the active areas.</li> <li>All participants and adult team members are briefed on the dangers of the cars under power; all are instructed that they must not run under</li> </ul> | Low | Vigilance by staff/supervisor and volunteers. |

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|              |                                                  |                                            |                   | <p>power outside of the designated areas.</p> <ul style="list-style-type: none"> <li>• Ensuring there is a safe number of cars on track for safe driving.</li> <li>• All are instructed to switch off vehicles when they are told to do so.</li> <li>• Additional marshals are placed at the beginning of events, preventing cars running before the area is clear.</li> </ul>                                                                                                                                                     |     |                                                                                                |
|              | Cars colliding with volunteers in the event area | Greenpower staff, Students, Volunteers     | $4 \times 3 = 12$ | <ul style="list-style-type: none"> <li>• Time keeping volunteers can stand on the outside of the event area.</li> <li>• All volunteers within the event area are briefed on the risks and offered alternative roles.</li> <li>• All volunteers are instructed not to attempt to stop Goblins if they go off course.</li> <li>• The event area will be contained through a form of metal barrier/ plastic safety fencing and buffer zone, which will be sufficient considering the speed and force potentially involved.</li> </ul> | Low | <p>Vigilance by staff/supervisor and volunteers</p> <p>Consistent briefings of volunteers.</p> |
| During event | Student taken ill on site.                       | Students, Teachers/supervisors, volunteers | $4 \times 2 = 8$  | <ul style="list-style-type: none"> <li>• Pupils instructed to inform their teacher/supervisor if they feel ill</li> <li>• Teacher/supervisor to locate race admin or First Aiders. Ring emergency services if necessary.</li> </ul>                                                                                                                                                                                                                                                                                                | Low | Vigilance by Greenpower staff, volunteers and teachers / supervisors.                          |

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|  |                                                     |                                                  |        | <ul style="list-style-type: none"> <li>Teacher/supervisor to follow school procedures re: contacting parents</li> <li>Greenpower to be informed of any pre-existing conditions that may have an impact on any participant.</li> </ul>                                                                                                                                                                                                                                                           |     |                                                                           |
|  | Student goes missing on site.                       | Greenpower staff, Students, Teachers/supervisors | 4x2=8  | <ul style="list-style-type: none"> <li>Group will be accompanied at all times by teacher/supervisors/team leader</li> <li>If the student is not located once a search has been held the police will be called.</li> <li>Teacher/supervisor to follow school procedures re: contacting parents.</li> </ul>                                                                                                                                                                                       | Low | Vigilance by Greenpower staff, volunteers and teachers / supervisors.     |
|  | Fire in buildings on site                           | All                                              | 5x2=10 | <ul style="list-style-type: none"> <li>In event of a fire, all to assemble in designated area signified by loud hailer/ megaphone announcement. If a pupil is missing, the emergency services will be informed upon arrival. Teacher/supervisor to follow school procedures re: contacting parents.</li> <li>In event of an injury, staff to locate first aid. Ring emergency services if necessary.</li> <li>Teacher/supervisor to follow school procedures re: contacting parents.</li> </ul> | Low | Vigilance by Greenpower and site staff, volunteers and teacher/supervisor |
|  | Students needing to take medication while on site – | Greenpower staff, Students, Teachers/supervisors | 5x1=5  | <ul style="list-style-type: none"> <li>Responsible adult with team is responsible for all medication for the students they're responsible for.</li> </ul>                                                                                                                                                                                                                                                                                                                                       | Low | Vigilance of staff/supervisor                                             |

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|  | incorrect dosage taken;<br>medication missed.   |                                                              |        | <ul style="list-style-type: none"> <li>Responsible adults should ensure students have emergency medication with them at all times, where relevant (inhalers for asthma suffers for example.)</li> <li>First aiders are on site at all times in case of emergency.</li> </ul>                                                                                                                                                                                        |     |                                              |
|  | Students left in care of an unsuitable person.  | Greenpower staff, Students, Teachers/supervisors, Volunteers | 4x1=4  | <ul style="list-style-type: none"> <li>All Greenpower staff and relevant volunteers CRB checked.</li> <li>Teacher/supervisor to accompany group at all times.</li> </ul>                                                                                                                                                                                                                                                                                            | Low | Vigilance by staff/supervisor and volunteers |
|  | Marshals stopping cars                          | Greenpower staff, Students, Volunteers                       | 5x2=10 | <ul style="list-style-type: none"> <li>Volunteers will be instructed not to physically stop cars and informed of the potential dangers of doing this.</li> <li>All volunteers in positions where cars need to be asked to stop and slow- down will be given additional health and safety briefings once at their post.</li> <li>Volunteers in higher risk positions will be suitably selected and able and where possible will have relevant experience.</li> </ul> | Low | Vigilance by GP staff and volunteers         |
|  | Feather flags/banners on barriers/ fencing etc. | All                                                          | 4x1=4  | <ul style="list-style-type: none"> <li>Flags must not be used if there is severe wind.</li> <li>Flags should be placed at low height when near accessible areas.</li> <li>Flags may only be placed at height when in a restricted area (only accessible by staff).</li> </ul>                                                                                                                                                                                       | Low | Vigilance by staff and on-site checks.       |

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|                      |                                                                  |            |         | <ul style="list-style-type: none"> <li>Clips must be securely fastened on flag poles.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                                                                                                                                                     |
|                      | Vehicle movement on site                                         | All        | 3x2 = 6 | <ul style="list-style-type: none"> <li>Warning about moving traffic will be given in briefings and when signing on people will be told about the open section of the car park.</li> <li>Viewing areas will be away from the active car park.</li> <li>Suitable barriers will be placed between the active car park and event areas.</li> </ul>                                                                                                                                                                                                                                                                                                                              | Low | <p>Vigilance by staff and on-site checks.</p> <p>Briefing of volunteers and teams.</p>                                                              |
| Staff and volunteers | Scrutineering:<br><br>Moving parts<br>Electricity<br>Sharp edges | All        | 3x2 = 6 | <ul style="list-style-type: none"> <li>All volunteers will be fully briefed before undertaking scrutineering – even those with previous experience.</li> <li>All volunteers will be warned of the dangers of moving parts.</li> <li>All volunteers will be asked to report anything they're unsure of to the chief Scrutineer.</li> <li>All volunteers will be asked to ensure the car is switched off before scrutineering.</li> <li>All teams are aware that all sharp edges should be covered suitably as part of the regulations.</li> <li>Volunteers are advised to ask teams if there are any sharp edges before touching the car as part of the briefing.</li> </ul> | Low | <p>Vigilance by staff and volunteers.</p> <p>Scrutineering sticker to be given to those who have passed scrutineering that season (MOT sticker)</p> |
|                      | Safety checks:<br><br>Moving cars<br>Sharp edges                 | Volunteers | 3x2=6   | <ul style="list-style-type: none"> <li>All volunteers will be given a full briefing.</li> <li>All teams will be instructed to have their power switched off</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Low | Vigilance by staff and volunteers                                                                                                                   |

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|  | Moving parts                                                                                    |                              |          | <p>until on the start line and instructed to power on.</p> <ul style="list-style-type: none"> <li>• All cars will have passed scrutineering before safety checks take place.</li> <li>• All volunteers must use supplied high visibility vest to wear throughout the day.</li> </ul>                                                                                                                                                                                                                                                                                                                                                       |     |                                    |
|  | <p>Flag waving:</p> <p>Cars under power</p> <p>Cars failing to stop</p>                         | Volunteers                   | 4x3 = 12 | <ul style="list-style-type: none"> <li>• All cars will be switched off until they are ready on the start line, to prevent any driving of cars before the event.</li> <li>• All volunteers will be positioned in the safest position possible at the beginning and end of events.</li> <li>• All volunteers must use supplied high visibility vest to wear throughout the day.</li> <li>• GP staff will ensure the volunteer feels able to move themselves with ease should a car go in the wrong direction.</li> </ul> <p><i>NB: The finishing flag position would not be recommended for volunteers who have restricted mobility.</i></p> | Low | Vigilance by staff and volunteers  |
|  | <p>Marshalling:</p> <p>Cars failing to stop</p> <p>Cars under power</p> <p>Misdirected cars</p> | Greenpower staff, Volunteers | 4x3 = 12 | <ul style="list-style-type: none"> <li>• All teams will be fully briefed on how to drive the course and how and where to stop.</li> <li>• All volunteers will be supplied with a high visibility vest to wear throughout.</li> <li>• All volunteers will be positioned in the safest possible place on the track.</li> </ul>                                                                                                                                                                                                                                                                                                               | Low | Vigilance by staff and volunteers. |

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|  |                 |                              |        | <ul style="list-style-type: none"> <li>GP staff will ensure that the volunteer feels able to move themselves with ease should a car go in the wrong direction.</li> </ul> <p><i>NB: This position would not be recommended for any volunteers with restricted mobility.</i></p>                                                                                                                                                                                         |     |                                              |
|  | Parking marshal | Greenpower staff, Volunteers | 4x2= 8 | <ul style="list-style-type: none"> <li>All volunteers will be supplied with a high visibility vest to wear throughout.</li> <li>Volunteers will only act as a guide at a safe distance away from moving traffic.</li> <li>Volunteers will be given a full briefing.</li> <li>All vehicles arrive on site will be aware that speeds should be walking speed – 10mph max.</li> </ul>                                                                                      | Low | Vigilance by staff and volunteers.           |
|  | Pregnant women  | Greenpower staff, Volunteers | 4x2= 8 | <ul style="list-style-type: none"> <li>Prohibited from handling heavy loads.</li> <li>Restricted to working at suitable workstations and in suitable roles EG seated where appropriate and able take breaks when required.</li> <li>Be aware of the working conditions and facilities on site. i.e: Rest rooms. Weather conditions, work stations, Long hours.</li> <li>Make sure a number of staff members are aware.</li> <li>Not to be left to work alone</li> </ul> | Low | Vigilance by Greenpower staff and volunteers |

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|                       | Staff member or volunteers taken ill on site | Greenpower staff, Volunteers | $4 \times 2 = 8$  | <ul style="list-style-type: none"> <li>First aid is available on site if required at all times.</li> <li>More than one member of GP staff will be present at events, if a member of staff falls ill.</li> <li>Secretary/Clerk are responsible for emergency services</li> </ul> | Low |                                     |
| Photographer at event | Vehicle colliding with photographer          | Greenpower staff             | $5 \times 2 = 10$ | <ul style="list-style-type: none"> <li>Photographer to wear Greenpower supplied high visibility vests/jackets</li> <li>Photographer to only cross track when permitted by Clerk</li> <li>Photographer briefed on safety outline.</li> </ul>                                     | Low | Vigilance by Greenpower staff       |
|                       | Bad weather/tripping                         | Greenpower staff             | $4 \times 3 = 12$ | <ul style="list-style-type: none"> <li>Suitable footwear to prevent slipping whilst photographing.</li> </ul>                                                                                                                                                                   | Low | Vigilance taken by Greenpower staff |
|                       | Dropping equipment                           | Greenpower staff             | $4 \times 2 = 8$  | <ul style="list-style-type: none"> <li>Make sure camera surface is not wet, could increase safety wearing gloves.</li> <li>Use a camera neck band when appropriate to do so.</li> <li>Photographer briefed on safety outline before the event day.</li> </ul>                   | Low | Vigilance taken by Greenpower staff |