# Risk Assessment

**Risk Matrix and Rating Guidance:**

The assessor shall assign values for the hazard severity **(a)** and likelihood of occurrence **(b)** (taking into account the frequency and duration of exposure) on a scale of 1 to 5, then multiply them together to give the rating band:

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| Hazard Severity(a) | | Likelihood of Occurrence(b) | |
| 1 – Trivial | (e.g. discomfort, slight bruising, self-help recovery, no significant harm to health or mental health) | 1 – Remote | (almost never) |
| 2 – Minor | (e.g. small cut, abrasion, basic first aid need, temporary ill-heath leading to discomfort, stress / distress) | 2 – Unlikely | (occurs rarely) |
| 3 – Moderate | (e.g. strain, sprain, incapacitation or other injury or diagnosable mental health condition < 7 days absence from work or amended duties,) | 3 – Possible | (could occur, but uncommon) |
| 4 – Serious | (e.g. fracture or hospitalisation (for >24 hrs) or incapacitation (>7 days) or Diagnosable mental health condition significantly affecting day to day life; Self harm or harm to others due to mental health condition. | 4 – Likely | (recurrent but not frequent) |
| 5 – Catastrophic | (single or multiple fatalities or life changing disabilities or injuries, suicide risk or potential harm to others as a result of severe mental health impacts). | 5 – Very likely | (occurs frequently) |

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| **Risk Assessment Matrix** | | | | | |  | **Risk Rating Bands (a x b)** | | |
| **(b)🡳 (a)🡲** | **Trivial** | **Minor** | **Moderate** | **Serious** | **Fatal** |  | **LOW RISK**  **(1 – 8)** | **MEDIUM RISK**  **(9 - 12)** | **HIGH RISK**  **(15 - 25)** |
| **Remote** | **1** | **2** | **3** | **4** | **5** |  |  |  |  |
| **Unlikely** | **2** | **4** | **6** | **8** | **10** |  | Continue,  but review periodically to ensure controls remain effective | Continue,  but implement additional reasonably practicable controls where possible and monitor regularly | **STOP THE ACTIVITY**  Identify new controls. Activity must not proceed until risks are reduced to a low or medium level |
| **Possible** | **3** | **6** | **9** | **12** | **15** |  |
| **Likely** | **4** | **8** | **12** | **16** | **20** |  |
| **Very likely** | **5** | **10** | **15** | **20** | **25** |  |

**General Guidance:**

* “Additional control” items are controls that have not been implemented yet and have been identified as needing to be introduced. Once the control is in place, the item should be moved to “Existing controls”
* Hazards should result in harm to a person or group of people. While reputational and financial risks should be considered when planning events or procedures, they do not belong on this document.

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| Risk Assessment Record | | |
| Risk Assessment Title: University of Radio Bath Generator Usage | Date Produced:  18/03/2025 | Review Date:  19/03/2025 |
| Overview/Description of Activity:  Using a generator to power small speakers outside the studio (on university grounds) | Duration/Frequency of Activity:  From 15.30 to 19.00. | |
| Location of Activity:  Infield of the Sports Training Village | Generic or Specific Assessment: Specific | |

| # | Hazard(s) identified | Who might be affected and how | Existing controls & measures | Severity (a) | Likelihood (b) | Risk Rating  (a x b) | Additional control/action required |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | Fire hazard | All crew and members of audience | * Members will be familiarised with raising the alarm and the evacuation procedure for the STV. * Members of the audience will comply with any procedure called by the STV * Fire extinguishers available in STV | 3 | 2 | 6 | Note – the generator will be kept outside and at a minimum of 8m away from any building/important infrastructure at all times. |
| 2 | Noise pollution | All attendees in the Infield and the outdoor area of the STV | * Make sure that the generator is put at a distance that any level of noise produced cannot greatly disturb any activity occurring in the area. | 1 | 4 | 4 | N/A |
| 3 | Electrical shock | All crew | * Adequate training for crew using equipment given by specified groundsmen, up to date PAT checked equipment. | 5 | 2 | 10 | * Avoid using the generator in any wet conditions * Ensure at least one person trained to handle it safely is around it at all times/when operating it requires |
| 4 | Carbon monoxide poisoning | All crew, members of the audience | * The generator will be outdoors so the chance of poisoning will be greatly reduced * Ensure that the STV have the correct CO detectors installed in any nearby enclosed spaces * Crew and members of the audience will comply with any procedure called by the STV | 5 | 1 | 5 | N/A |
| 5 | Fuel handling risks | All crew | * Store fuel in approved containers * Use any funnels provided to prevent spills during refuelling * Wear appropriate personal protective equipment. | 4 | 3 | 12 | * Ensure any relevant training/information is correctly communicated by the groundsmen/generator handler to the crew. * Constant check in with the groundsmen |
| 6 | Unauthorised use | All crew, members of audience | * Constant observation of the generator/keep it within easy sight of both positions of URB stands. * Someone on hand at all times to intervene should unauthorised use occur. | 2 | 2 | 4 | N/A |

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| Assessor signature: | Print name: | **Date:**  18/03/2025 | **Authoriser’s signature:** | **Print name:**  Libellule Pym | **Date:**  18/03/2025 |