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| **Risk Assessment** | | | | |
| **Risk Assessment for the activity of** | **Race training / competition** | | **Date** | **20.8.18** |
| **Club or Society** | **SUSSC** | **Assessor** |  | |
| **President or Students’ Union staff member** | ***Finn Murphy*** | **Signed off** |  | |

| ***PART A*** | | | | | | | | | | |
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| **(1) Risk identification** | | | **(2) Risk assessment** | | | | **(3) Risk management** | | | |
| **Hazard** | **Potential Consequences** | **Who might be harmed**  **(user; those nearby; those in the vicinity; members of the public)** | **Inherent** | | |  | **Residual** | | | **Further controls (use the risk hierarchy)** |
| **Likelihood** | **Impact** | **Score** | **Control measures (use the risk hierarchy)** | **Likelihood** | **Impact** | **Score** |
| Crashing during training/race | Injury to limbs upon impact | user | **4** | **3** | **7** | **Clear instruction on dangers involved and how to avoid, use of safety equipment (helmets, shinguards, chinguards), progression only when participant has demonstrated adequate control and technique.** | **2** | **3** | **5** | Continued use, investment in and maintenance of safety equipment. Ensure first aid kit at hand at all times. Coaches obtain qualifications to ensure |
| Ski edges | Cuts as sharp | User | **2** | **1** | **3** | **Warnings by coaches and members of the risk, use of gloves to protect hands** | **1** | **1** | **2** | Ensure first aid kit at hand at all times |
| Hot waxing irons when waxings skis/snowboards | Burns | User | **1** | **2** | **3** | **Education and demonstration of correct use, turn off when not in use** | **1** | **2** | **3** | Ensure first aid kit at hand at all times |
| Gazebo | Injury | Users and those in vicinity | **2** | **2** | **4** | **Ensure that only erected with use of 4 people, one on each corner, attach to ground through use of zip-ties or pegs to prevent falling over** | **1** | **1** | **2** | Ensure first aid kit at hand at all times |
| Falls by tired participant | Injury | User | **2** | **3** | **5** | **Ensure participants remain hydrated, coaches conscious of condition of participant and makes sure students take breaks if tired** | **1** | **3** | **4** | Ensure first aid kit at hand at all times |
| Lifts | Fall and injury, damage to machinery | User | **1** | **3** | **4** | **Demonstration of correct use prior to use, prevent beginners from using lifts when deemed too inexperienced** | **1** | **2** | **3** | Manning of lift at all times by proficient member of team, supervising use |
| Inappropriate equipment used | Loss of skis, opening of boots during use | User | **2** | **3** | **5** | **Ensure set-up and fitting of equipment done only by qualified staff, fitted to participant correctly** | **1** | **1** | **2** |  |

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| ***PART B – Action Plan*** | | | | | | | |
| **Risk Assessment Action Plan** | | | | | | | |
| **Part no.** | **Action to be taken, incl. Cost** | **By whom** | **Target date** | | **Review date** | **Outcome at review date** | |
| 1 | Investment in safety kit, shinguards, handguards etc | Treasurer, Race Captain | 20/11/18 | | 20/11/18 | Current equipment deemed suitable and sufficient for entire team to be well protected | |
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| Responsible committee member signature: | | | | | Responsible committee member signature: | | |
| Print name: Henry Hancock | | | | Date: 20/8/18 | Print name: Benjamin Luck | | Date: 20/8/18 |

**Assessment Guidance**

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| 1. Eliminate | Remove the hazard wherever possible which negates the need for further controls | If this is not possible then explain why |  |
| 1. Substitute | Replace the hazard with one less hazardous | If not possible then explain why |
| 1. Physical controls | Examples: enclosure, fume cupboard, glove box | Likely to still require admin controls as well |
| 1. Admin controls | Examples: training, supervision, signage |  |
| 1. Personal protection | Examples: respirators, safety specs, gloves | Last resort as it only protects the individual |

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| **LIKELIHOOD** | 5 | 5 | 10 | 15 | 20 | 25 |
| 4 | 4 | 8 | 12 | 16 | 20 |
| 3 | 3 | 6 | 9 | 12 | 15 |
| 2 | 2 | 4 | 6 | 8 | 10 |
| 1 | 1 | 2 | 3 | 4 | 5 |
|  | | 1 | 2 | 3 | 4 | 5 |
| **IMPACT** | | | | |

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| Impact | | Health & Safety |
| 1 | Trivial - insignificant | Very minor injuries e.g. slight bruising |
| 2 | Minor | Injuries or illness e.g. small cut or abrasion which require basic first aid treatment even in self-administered. |
| 3 | Moderate | Injuries or illness e.g. strain or sprain requiring first aid or medical support. |
| 4 | Major | Injuries or illness e.g. broken bone requiring medical support >24 hours and time off work >4 weeks. |
| 5 | Severe – extremely significant | Fatality or multiple serious injuries or illness requiring hospital admission or significant time off work. |

Risk process

1. Identify the impact and likelihood using the tables above.
2. Identify the risk rating by multiplying the Impact by the likelihood using the coloured matrix.
3. If the risk is amber or red – identify control measures to reduce the risk to as low as is reasonably practicable.
4. If the residual risk is green, additional controls are not necessary.
5. If the residual risk is amber the activity can continue but you must identify and implement further controls to reduce the risk to as low as reasonably practicable.
6. If the residual risk is red do not continue with the activity until additional controls have been implemented and the risk is reduced.
7. Control measures should follow the risk hierarchy, where appropriate as per the pyramid above.
8. The cost of implementing control measures can be taken into account but should be proportional to the risk i.e. a control to reduce low risk may not need to be carried out if the cost is high but a control to manage high risk means that even at high cost the control would be necessary.

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| Likelihood | |
| 1 | Rare e.g. 1 in 100,000 chance or higher |
| 2 | Unlikely e.g. 1 in 10,000 chance or higher |
| 3 | Possible e.g. 1 in 1,000 chance or higher |
| 4 | Likely e.g. 1 in 100 chance or higher |
| 5 | Very Likely e.g. 1 in 10 chance or higher |