| **Risk Assessment** |
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| **Risk Assessment for the activity of** | **University of Southampton lifesaving competition**  | **Date of event** | **27/02/2022** |
| **Unit/Faculty/Directorate** |  | **Assessor Emily Childs** |  |
| **Line Manager/Supervisor** |  | **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** |
| Slips/Trips & Falls on poolside and changing rooms  | Concussion , bruising, fractures , loss of consciousness,  | Swimmers and people poolside  | **3** | **3** | **9** | Strict policy of no running and ensure trained first aiders (Sports & wellbeing lifesavers and BULSCA officials) are always present on site. | **1** | **3** | **3** |  |
| Fire  | Death, severe burns , panic  | All Present  | **1** | **4** | **4** | Ensure officials know where the fire exits are, with staff at the Jubilee Sports Centre trained in the actions to take if a fire does occur, as well as having trained first aiders on site. | **1** | **2** | **2** |  |
| Collision  | Concussion , bruising  | Swimmers | **1** | **2** | **2** | In races, only one swimmer per lane and ensure trained first aiders are always present on site. | **1** | **1** | **1** |  |
| Crowded changing rooms | Concussion , bruising, fractures , | Swimmers and helpers | **1** | **2** | **2** | Have an official(s) on crowd management ensuring the changing rooms don't get overcrowded. Have people get changed just after their heat ends. | **1** | **1** | **1** |  |
| Prior Medical conditions | A whole host of potential consequences depending on the prior medical condition. This could vary from mortal to minor. | All present | **2** | **3** | **6** | Ensure competitors and helpers are forewarned of any medical condition that could cause risk to them or others at completion. So that specific control measure be implemented  | **2** | **2** | **4** |  |
| Electrical equipment | Burns, ventricular fibrillation and neurological effects  | All present  | **1** | **5** | **5** | Ensure compliance with jubilee sport centre policy regarding electrical equipment near and on poolside. Ensure only essential equipment in used and look for alternative placement for equipment. | **1** | **4** | **4** |  |
| Lane line- sharp edges or snags | Cuts ranging from severe to minor | Swimmers | **1** | **2** | **3** | Check lane ropes before use. Ensure first aiders are presents at any event where the lane ropes are used or handled.  | **1** | **1** | **1** |  |
| Starting platforms – Uneven orslippery surface/sharp edges orunstable or insecure fixing | Cuts, bruising, concussion ,fractures  | Swimmers | **1** | **3** | **3** | Ensure before races that starting platforms are correctly secured.Ensure that all competitors that are diving are trained and confident to undertake the activity.  | **1** | **2** | **2** |  |
| Setting up equipment in pool  | Drowning, cuts , bruise , muscle strain  | Helpers  | **2** | **2** | **4** | Prior warning as to the risks of setting up the equipment as well as instruction on how to carry it out safely. | **1** | **2** | **2** |  |
| Use of fake blood | Skin damage , panic , Organizers  | Helpers , competitors and members of public  | **1** | **1** | **1** | Ensure fake blood is safe for skin-to-skin contact. Follow application instructions of fake blood and that it applied sparingly on casualties and poolside. | **1** | **1** | **1** |  |
| Prolonged breath holding | Drowning , loss of consciousness  | Helpers (casualties) | **1** | **4** | **4** | Prior warning to avoid prolonged breath holding and vigilance on pool side at events where this may occur | **1** | **4** | **4** |  |
| Lack fitness to compete | Drowning, hyperventilating  | Swimmers  | **1** | **3** | **3** | Competitors and their coached should be aware of the fitness level required and vigilance of lifeguards during the speed events | **1** | **3** | **3** |  |
| Damaged Equipment in pool | Drowning, cuts , bruise, fractures  | Helpers , competitors  | **2** | **2** | **4** | Check before competition starts both the equipment intended to use and the pool for any damage. If found, make clear by cornering it off, fixing it or if severe, halting the competition. | **1** | **2** | **4** |  |
| Outside Contamination  | respiratory disease, skin infection ,, could cause ground to become slipper increasing risk of slipping  | Helpers , competitors and members of public  | **1** | **2** | **2** | Follow normal pools guidelines. Ensure if outdoor footwear is worn inside, it is covered with a blue bag. | **1** | **2** | **2** |  |
| Prolonged time in water and/or in wet conditions  | Hypothermia | Helpers  | **3** | **3** | **6** | Helpers will be warned about the dangers. They will have regular breaks, and will be checked upon regular by officials. | **1** | **3** | **3** |  |
|  Alcohol or drugs | Drowning, cuts , bruise , muscle strain , fractures  | Helpers , competitors and members of public  | **1** | **3** | **3** | Forbid the intake of alcohol or drugs unless medically prescribed, and have strict policy in accordance with Jubilee Sports Centre to not allow those intoxicated to compete or into the facilities required.  | **1** | **3** | **3** |  |
| Injury from jewellery, personal items and long hair etc.. | Cuts, bruising  | Helpers , competitors and members of public  | **2** | **2** | **4** | Jewellery not to be worn and long hair to be tied back or in a swimming hat. | **1** | **2** | **2** |  |
| Use of Manikins | respiratory disease | Helpers , competitors  | **3** | **3** | **9** | Ensure all manikins are disinfected before use. Follow current BULSCA COVID guidance on manikin use | **1** | **3** | **3** |  |
| Incorrect first aid techniques | Fractures, cuts , suffocation, bruises  | Helpers , competitors  | **2** | **2** | **4** | Official will be instructed to intervene if they believe there is any chance of incident occurring. Particular attention will be exhibited to ensure the heimlich maneuver isn't used.  | **1** | **2** | **2** |  |
| Incorrect towing technique | Drowning , bruise , muscle strain  | Helpers , competitors  | **2** | **2** | **4** | Official will be instructed to intervene if they believe there is any chance of incident occurring.Bodies will also be instructed to halt tow if they feel discomfort.  | **1** | **2** | **2** |  |
| Spread of COVID-19 |  | All in close contact | **4** | **3** | **12** | Follow current guidance from the UK gov. Adhere to University and BULSCA guidance. | **2** | **3** | **6** | BULSCA guidance on 19/01/2021: <https://drive.google.com/file/d/1ncsyZMb1foUWOVS3zGDpOwRP3-3Az0Vb/view?fbclid=IwAR0E4sAQNwLw-z5PArSGBKvdd-oretLOzAMNWQfULusoXhEZ1xbfNvrGp-w>University: <https://www.southampton.ac.uk/coronavirus.page>  |

**Assessment Guidance**

| 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 |

| 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.  |

| **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** |

| Likelihood  |
| --- |
| 1 | Rare  |
| 2 | Unlikely  |
| 3 | Possible  |
| 4 | Likely  |
| 5 | Very Likely  |

