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#  MASTERS SWIMMING QUEENSLAND

#  RISK ASSESSMENT FOR (Insert Name)

 **INSERT DATE AND DAY**

**RISK ASSESSMENT GUIDANCE**

**PLEASE NOTE: Risk Assessment should be conducted and the sign off sheet should be provided 1 month prior to meet.**

**NOTE: On the day of the Meet, Section D needs to be completed and the form must be sent back.**

**Scoring mechanism**

**Potential Severity Rating (PSR)**

The PSR is a simple grading system for hazards, i.e. if the hazard were to result in injury, what would be the expected severity of that injury.

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| **Degree of Injury** | **PSR** |
| Negligible injury | 1 |
| Minor injuries (single or repetitive) | 2 |
| Major injuries | 3 |
| Fatal injuries | 4 |
| Multiple fatalities | 5 |
| Catastrophic fatalities | 6 |

The PSR scores are given in each element. However, this can be adjusted up or down in the light of specific circumstances on site.

**Probable Likelihood Rating (PLR)**

The likelihood that a hazard will result in injury is determined by assessing the approach, deployment and results of the organisation’s safety arrangements. The more inadequate the arrangements or the deployment of those arrangements, the greater the likelihood of injury occurring.

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| **Likelihood of Occurrence** | **Explanatory Guidance** | PLR |
| Highly improbable | Arrangements appear acceptable | 1 |
| Remotely possible | Minor areas for improvement identified | 2 |
| Occasionally | Significant areas for improvement identified | 3 |
| Fairly frequently | Major inadequacies in arrangements | 4 |
| Frequent or regular  | Grossly inadequate controls | 5 |
| Almost a certainty | Wholesale absence of safeguards | 6 |

**Risk Rating Number (PSR and PLR)**

From examination of the various hazards and the adequacy of the arrangements, the assessor will have a number of findings. Using the PLR table each finding will have a score as to the probability of occurrence. When this score is then multiplied by the individual PSR, a third number is arrived at; this is called the Risk Rating Number (RRN).

**Risk Rating Number (RRN) = Probable Likelihood Rating (PLR) \* Potential Severity Rating (PSR)**

**A score over 9 needs urgent attention and action to reduce or eliminate risk.**



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|  | **Hazard** | **Guidance Notes** | **Findings** | **Risk Score** | **Risk Score** | **Risk Rating Number (RRN) = PSR \* PLR** |
|  | **Potential Severity Rating (PSR)** | **Probable Likelihood Rating (PLR)** |
|  | **Pool Concourse** |  |  |  |  |  |
| **1** | Access to pool concourse from changing rooms located close to water deeper than 1.2m | Are barriers in place? |   |   |   |   |
|  | Is access adequately restricted? Risk of non-swimmers jumping into deep water. |
| **2** | Routes within the pool concourse to any water features require swimmers to pass or queue near deep water | Risk of jumping, falling or being pushed into deep water. |   |   |   |   |
| 3 | Narrow pool surrounds (i.e. less than 2m) cause congestion and restrict access. For small pools, this may be less than 1.5m | Check risk at busy periods. |   |   |   |   |
| Do features/stored equipment (equipment not in use) obstruct access? |
| Is there congestion? |
| Risk of falling, tripping etc. |
| 4 | Changes in floor level, e.g. steps, ramps, footbaths, upstands (to contain shower or hosing-down water) | Risk of trips or slips. |   |   |   |   |
| Is hazard visible? |
| Is floor in poor condition/supply? |
| 5 | Spectator seating  | Poor maintenance. |   |   |   |   |
|   | Inadequate handrails. |
| 6 | Lighting and ceiling | Poor illumination levels. |   |   |   |   |
| Poor maintenance of units. |
| 7 | Poor placement of water depth signs. | Visible and pictorial where applicable. |   |   |   |   |
|   | Users with visual impairment? |
|   | Are signs clear and readable? |
|   | Are they metric? |
| 8 | Sharp or raised edges, e.g. uneven tiling, drainage gullies/channels | Risk of cut feet from tiling, uneven paving movement? Joint flush? |   |   |   |   |
| Drainage gully edges sharp? |
| 9 | Pool water quality and chemical composition | Water quality regularly checked and recorded |   |   |   |   |

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|  | **Hazard** | **Guidance Notes** | **Findings** | **Risk Score** | **Risk Score** | **Risk Rating Number (RRN) = PSR \* PLR** |
| **Potential Severity Rating (PSR)** | **Probable Likelihood Rating (PLR)** |
| **B** | **Pool/Competition Equipment** |
| 1 | Diving Blocks | Pool depth suitability for use of blocks. As per FINA rule 2-3 – *“Depth - A minimum depth of 1.35 metres, extending from 1.0 metre to at least 6.0 metres from the end wall is required for pools with starting blocks. A minimum depth of 1.0 metre is required elsewhere”.* |  |  |  |  |
| Stability |  |  |  |  |
| Non slip surface on blocks and their access (eg Bulkheads) |  |  |  |  |
| Height of Diving Block surface above the water surface (0.75m max permitted) |  |  |  |  |
| 2 | Lane Ropes | Condition - any broken / missing |  |  |  |  |
| Storage of any excess lane ropes / reels - out of routes of swimmers |  |  |  |  |
| 3 | Ladders/Steps | Access on both side of the pool |  |  |  |  |
| Condition |  |  |  |  |
| With appropriate handrails |  |  |  |  |

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|  | **Hazard** | **Guidance Notes** | **Findings** | **Risk Score** | **Risk Score** | **Risk Rating Number (RRN) = PSR \* PLR** |
| **Potential Severity Rating (PSR)** | **Probable Likelihood Rating (PLR)** |
| **C** | **Emergency Action Plan** |
| 1 | Areas of the pool concourse to which access is difficult, e.g. high freeboards, ‘islands’ in leisure waters, or pool surround areas that are cut off by physical barriers such as waterslides, planting or guard rails | May cause delay in treating an injured person. |   |   |   |   |
| Are there areas difficult to access or land a casualty? |
| 2 | Inadequate and/or badly positioned first aid facilities and access for emergency vehicles | Check position in relation to pool and stretcher access. |   |   |   |   |

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|  | **Hazard** | **Guidance Notes** | **Findings** | **Risk Score** | **Risk Score** | **Risk Rating Number (RRN) = PSR \* PLR** |
| **Potential Severity Rating (PSR)** | **Probable Likelihood Rating (PLR)** |
| **D** | **Final Safety Check (on Swim Meet Day)** |  |  |  |  |  |
|  | Safety Officer familiar with MSA Safety Policies and Procedures |  |  |  |  |  |
|  | Provision of sun protection and sun screen |  |  |  |  |  |
|  | Provision of water station |  |  |  |  |  |
|  | Exposed pegs, ropes, cords from temporary shelters & equipment |  |  |  |  |  |
|  | Adequate warm up supervision |  |  |  |  |  |

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| **Key Findings and Recommendations:** |

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| **Risk Assessment conducted by** | **Date & Time** |
| Club: | Club Code: |

Note: The Risk Assessment Sheet needs to be sent back to the Administrator immediately after the meet.
 This ensures that a final check has been made and that any concerns have been addressed.