Template only MUST modify to site conditions

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Site / Area: | |  | | Date of Assessment | |  | | Risk Assessment # | **108RA** |
| Completed by (name) | |  | | Signature | |  | | | |
| In Consultation with: | |  | | Signature | |  | | | |
| Identify / describe activity, equipment, area or event you are assessing: | | | | | | **Aquariums / Fish Tanks**  EDUCATION SECTOR: Before considering keeping an aquarium, please refer to Animal Ethics for requirements on keeping fish and other aquatic animals  AISSA | | | |
| Authorised by: | |  | | Signature: | |  | | Date: |  |
| **In conjunction with this risk assessment, training / education and development of a relevant SOP may be required.** | | | | | | | | | |
| **Step 1:** **Identify the hazard/s / Impact:**What do you believe are the hazards? What could happen? | | | | **Step 2: Assess the potential risks:**  What do you believe are the risks?  How could this happen? | | | | **Step 3: Reducing the risk:**  What do you believe can be done to reduce the risk?  Controls | |
| **Electrical**   * Water on electrical equipment * Overloading power sockets * Frayed / loose cords | | | | * Electric shock * Electrocution * Heart Damage * Burns * Fire | | | | * Testing of electrical equipment * RCD’s installed at switchboard and are tested regularly * Check equipment daily * Engaging competent electrical contractors * Electrical equipment to Australian Standards * Children are supervised at all times when working / interacting around the aquariums * Tank placed on properly secured stand * Power cords out of reach / access of students | |
| **Gravity**   * Slippery surfaces * Wet floors * Cords / cables | | | | * Slips / trips (water spillage / cords) * Lacerations * Bruising * Sprains * Strains * Concussion * Impalement * Death | | | | * Wear appropriate footwear * Workplace inspections completed regularly * Floors are mopped where spills occur * Mop & bucket readily available * Clean / tidy environment   *Fish tanks / aquariums must be placed on a stand / bench that is strong enough to support its weight to prevent them tipping over or the structure collapsing.* | |
| **Hazardous Manual Tasks**   * Incorrect storage of equipment * Moving large items * Sustained or awkward postures | | | | * Musculoskeletal injuries * Falls | | | | * Mechanical aids available to move tanks / large items * Always drain tanks before moving them. * Workers trained in manual handling techniques | |
| **Hazardous Chemicals**   * Incorrect storage / segregation * decanting | | | | * Dermatitis * Cancers * Burns | | | | * SDS available for all hazardous chemicals * Appropriate PPE to be worn dependant on requirements specific in SDS. * Appropriate storage cabinets provided | |
| **Biological (infections / Zoonoses)**   * Micro-organisms | | | | * Illness * Allergic reactions * Skin damage * Damage to internal organs * Death | | | | * Tanks are routinely cleaned. Workers wear rubber gloves * Hand sanitiser available and any person working / handling anything within aquarium must wash hands and sanitise before and after. * Regular water testing is conducted. * Fish should never be handled. If catching is necessary, an aquarium net must be used. | |
| **Biological**   * Animal / fish carcasses | | | | * Illness * Allergic reactions * Skin damage * Damage to internal organs * Death | | | | * Disposable gloves to be worn when handling animal / fish carcasses * Carcasses or parts thereof should be wrapped and sealed to prevent leakage, and clearly marked. * To be disposed of in appropriate waste containers * At completion of work, hands to be thoroughly washed. | |
| **Other**   * Drowning | | | | * Death * Serious lung injury | | | | * Doors are locked at all times to ensure no unauthorised access – especially by children * Children in the area must be supervised at all times by an adult * Trained first aiders are available | |
| **Other**   * Broken glass | | | | * Cuts * Lacerations | | | | * Lids must remain in place on fish tanks on all time unless cleaning/maintaining tanks and feeding * Students must be supervised when removing the lid | |
| **Other** | | | |  | | | |  | |
| **Review hazard / risk assessment if task or circumstances change & at intervals appropriate to the level of risk (minimum 5 years)** | | | | | | | | | |
| **Step 4: Monitor & Review:** | | | | | | | | | |
| Were the controls effective? | | | | Were there any unforeseen hazards / incidents? | | | | New controls | |
| Yes |  | No |  | Yes |  | No |  |
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