

**SKILLS FRAMEWORK FOR TOURISM
TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE**

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| TSC Category | Attractions Operations | | | | | |
| TSC | Animal Habitat Management | | | | | |
| TSC Description | Manage policies and practices regarding the care and maintenance of animal habitats, including the design of animal habitats | | | | | |
| TSC Proficiency Description | Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 |
| | | TOU-ATO-2002-1.1 | TOU-ATO-3002-1.1 | TOU-ATO-4002-1.1 | | |
| | | Conduct routine cleaning and maintenance of animal enclosures | Prepare and inspect animal enclosures | Lead the design and planning of animal habitat construction and refurbishment | | |
| Knowledge | | <ul style="list-style-type: none"> Importance of habitat cleaning and maintenance Vermin control procedures Types of cleaning accessories and equipment Procedures for habitat cleaning and maintenance Indicators of structural integrity Types of Life Support Systems (LSSs) Necessary environmental conditions for different types of animals Animal and keeper site-specific evacuation procedures Basic open water diver certification such as Professional Association of Diving Instructors (PADI), National Association of Underwater Instructors (NAUI), Scuba Schools International (SSI) or equivalent for aquarists | <ul style="list-style-type: none"> Behaviours and natural habitats of animals Hygiene standards and guidelines Indicators of vermin activities Procedures for maintenance of animal enclosures and fixtures Basic open water diver certification such as Professional Association of Diving Instructors (PADI), National Association of Underwater Instructors (NAUI), Scuba Schools International (SSI) or equivalent for aquarists | <ul style="list-style-type: none"> Principles for habitat designs Layouts of fixtures within the animal enclosures Resources required to construct or refurbish animal habitats Relevant building and construction guidelines Techniques for maintenance of animal enclosures and fixtures Basic open water diver certification such as Professional Association of Diving Instructors (PADI), National Association of Underwater Instructors (NAUI), Scuba Schools International (SSI) or equivalent for aquarists | | |

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| <p>Abilities</p> | | <ul style="list-style-type: none"> • Perform cleaning of animal enclosures • Apply vermin control measures to prevent infestation • Maintain accessories and equipment used for enclosure cleaning • Monitor environmental conditions of animal habitats for the well-being of animals such as water quality and air temperature • Inspect enclosures for structural integrity • Apply animal and keeper site-specific evacuation procedures | <ul style="list-style-type: none"> • Inspect animal enclosures for cleanliness • Prepare holding areas for animals during enclosure cleaning and/or maintenance • Prepare animal enclosures for quarantine, breeding, rearing and/or assimilation purposes • Collaborate with relevant parties to execute the construction or refurbishment of animal habitats or fixtures • Maintain fixtures within animal habitats • Provide feedback on animal and keeper site-specific evacuation procedures | <ul style="list-style-type: none"> • Research on modern zoos and natural animal habitats • Design animal habitats and fixtures • Identify resources required for the construction or refurbishment of animal habitats • Supervise animal and keeper site-specific evacuation procedures • Suggest improvements for animal and keeper site-specific evacuation procedures | | |
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