

Commercial Aquarium Dive Team Safety Inspection Checklist

Site / Project	_____	Address	_____
Inspector name	_____	Company	_____
Date	_____	Time	_____

Documentation aid only. Adapt this resource to the site, manufacturer instructions, and applicable local requirements. It does not replace a competent person, professional judgment, legal advice, or a required statutory form.

Inspection checklist

Dive Locker & Equipment Storage

☐ Dive locker is clean, dry, and organized to prevent equipment damage and ensure easy access. (IMCA D 023 4.1)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ SCUBA cylinders (bailout bottles) are stored securely, preventing them from falling or being damaged. (CGA G-5.5)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Regulators and hoses are stored in a manner that prevents kinks, bends, or other damage. (ANSI/ACDE 03-2018 6.2.3)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Wet suits and dry suits are properly hung or stored to prevent compression and degradation of the neoprene. (Manufacturer's Recommendations)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Inventory of all dive tools (knives, shears, etc.) is complete and accounted for after each dive. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Batteries for dive lights and communication systems are stored in a dry, temperature-controlled environment. (NFPA 70)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ First aid kit is fully stocked and readily accessible in the dive locker. Check expiration dates of all medications. (OSHA 29 CFR 1910.151)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Dive logbook is readily available and contains records of all dives, equipment maintenance, and incidents. (IMCA D 023 4.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____

☐	Adequate supply of spare parts (o-rings, hoses, etc.) is maintained for critical dive equipment. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Cleaning and disinfection protocols are in place and followed for all dive equipment after each use. (CDC Guidelines)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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Surface-Supplied Air System

☐	Air compressor is operating within manufacturer's specifications, including pressure, temperature, and flow rate. (Manufacturer's Specifications)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Air quality is tested regularly (at least quarterly) and meets Grade E standards (or equivalent). Documentation available. (CGA G-7.1)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Umbilical hose is inspected for cuts, abrasions, kinks, and proper connections before each dive. (IMCA D 023 5.3)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Two-way communication system between diver and surface is functioning clearly and reliably. (OSHA 29 CFR 1910.426(c)(1))	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Depth monitoring system is calibrated and functioning accurately, providing real-time depth readings to the surface. (ANSI/ACDE 03-2018 7.4.1)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Bailout bottle is fully charged and within hydrostatic test date. Pressure verified before each dive. (OSHA 29 CFR 1910.425(c)(5))	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Regulator is functioning smoothly and delivering air on demand without excessive effort. (ANSI/ACDE 03-2018 6.2.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Backup air supply (e.g., pony bottle) is readily available at the surface in case of compressor failure. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Pressure gauges on the surface-supplied air system are accurate and calibrated. (ANSI/ACDE 03-2018 7.4.2)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Emergency shutdown procedures for the air compressor are clearly posted and understood by all personnel. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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Pre-Dive Procedures & Diver Briefing

☐	Dive plan is reviewed with all team members, including objectives, potential hazards, and emergency procedures. (OSHA 29 CFR 1910.422(b))	☐ Pass	☐ Fail	☐ N/A	Notes: _____
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☐	Each diver performs a thorough pre-dive equipment check, including mask, fins, BCD, regulator, and bailout bottle. (ANSI/ACDE 03-2018 8.1)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Buddy check is performed to verify proper equipment function and familiarity with emergency procedures. (PADI Standards)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Water conditions (temperature, visibility, currents) are assessed and communicated to the dive team. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Potential marine life hazards (e.g., venomous species, aggressive fish) are identified and discussed. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Locations of all filter intakes are clearly marked and communicated to the dive team. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Emergency signals (e.g., rope pulls, light signals) are reviewed and understood by all team members. (OSHA 29 CFR 1910.426(c)(2))	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Diver's flag is properly displayed to warn boat traffic of diving operations. (USCG Regulations)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Surface support personnel are trained in emergency procedures and equipped to provide assistance. (OSHA 29 CFR 1910.427)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Clear communication protocols are established and tested between the diver, surface support, and aquarium staff. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____

In-Water Safety & Monitoring

☐	Diver's location is continuously monitored from the surface. (OSHA 29 CFR 1910.427(b)(1))	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Umbilical hose is managed to prevent entanglement or snagging. (IMCA D 023 5.3)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Diver's depth and bottom time are continuously monitored to prevent decompression sickness. (NOAA Diving Manual)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Divers maintain a safe distance from all filter intakes. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐	Divers avoid unnecessary contact with marine life. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____

☐ Emergency ascent procedures are followed in case of equipment failure or other emergencies. (OSHA 29 CFR 1910.426(d))	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Regular communication checks are conducted between the diver and surface support. (OSHA 29 CFR 1910.426(c)(1))	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ The buddy system is strictly adhered to at all times. (PADI Standards)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Decompression stops are strictly adhered to, if required. (NOAA Diving Manual)	☐ Pass	☐ Fail	☐ N/A	Notes: _____
☐ Diver's air consumption is monitored to ensure adequate air supply for the duration of the dive. (Aquarium SOP)	☐ Pass	☐ Fail	☐ N/A	Notes: _____

Findings

#	Item	Location	Severity	Action required
1				
2				
3				
4				
5				
6				
7				
8				

Signature

Inspector signature _____

Name _____

Date _____