OpsAuditHub opsaudithub.com	DOC ID: **SAF-0255**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **OSHA 29 CFR 1910.1200 (Hazard Communication) & ANSI/APSP/ICC-15**	AUDIT FREQUENCY: **Daily Pre-Shift**

Commercial Swimming Pool Chemical Log Safety Audit Checklist

Operational Scope: This audit checklist governs the mandatory daily inspection of commercial swimming pool chemical handling, dosing equipment, and logbook accuracy within hospitality facilities. The objective is to mitigate chemical exposure hazards, prevent waterborne illness, and ensure total compliance with state health codes and OSHA hazard communication standards.

MANDATORY PPE:	Chemical Splash Goggles (ANSI Z87.1), Heavy-Duty Neoprene/Nitrile Gloves, Chemical-Resistant Apron, NIOSH-Approved Respirator with Acid Gas/Chlorine Cartridges, Steel-Toe Rubber Boots
PREREQUISITES:	Verify emergency eyewash and safety shower stations are fully operational and unobstructed. | Confirm chemical feed systems are locked out if performing mechanical maintenance. | Review previous day's chemical log entries for anomalies or unaddressed parameter excursions.

CHEMICAL STORAGE ROOM & VENTILATION COMPLIANCE

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Ventilation System**	Exhaust fan operates continuously maintaining negative pressure; airflow indicator reads green.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
2	**Chemical Segregation & Storage**	Incompatible chemicals (acids and hypochlorites) are physically separated by at least 4 feet or non-permeable partitions.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
3	**Safety Signage & SDS Access**	Required hazard warning placards are posted on all doors; Safety Data Sheets (SDS) are accessible in the binder or digitally.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
4	**Secondary Containment Pallets**	Carboys and drums sit securely on clean, dry containment pallets free of chemical pooling or structural cracks.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A

WATER QUALITY PARAMETERS & CHEMICAL LOG VERIFICATION

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
5	**Free Available Chlorine (FAC)**	Test kit/probe confirms FAC is within 2.0 - 4.0 ppm and logged accurately in the official physical or digital sheet.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
6	**pH Balance**	pH reading is strictly maintained between 7.2 and 7.8; actual value matches the recorded log entry.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
7	**Total Alkalinity & Calcium Hardness**	Total alkalinity is between 80 - 120 ppm and calcium hardness is 200 - 400 ppm, verified and recorded per shift.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
8	**Water Temperature & Clarity**	Pool water temperature does not exceed 90°F (32°C) for spas or 82°F for pools; main drain is clearly visible from deck.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A

AUTOMATED DOSING & EMERGENCY SAFETY EQUIPMENT

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
9	**Auto-Controller Calibration**	ORP and pH automated chemical controllers are calibrated against manual DPD test kit results within an allowable ±0.2 variance.	**Warning**	[ ] PASS [ ] FAIL [ ] N/A
10	**Emergency Shut-Off Interlock**	Chemical feed pumps automatically deactivate when recirculation pump flow switches trip or fail.	**Critical (Immediate Out of Service)**	[ ] PASS [ ] FAIL [ ] N/A
11	**Spill Neutralization Kit**	Fully stocked chemical spill kit (neutralizers, absorbent pads, disposal bags) is present and inspected.	**Standard**	[ ] PASS [ ] FAIL [ ] N/A

Certified Pool Operator (CPO) / Lead Technician Signature: _____	**Date / Time:** _____	**Badge / Cert #:** _____
Director of Engineering / Hotel Operations Manager Sign-off: _____	**Review Date:** _____	**Audit Status:** [ ] Approved [ ] Rectify

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