OpsAuditHub opsauditihub.com	DOC ID: **SAF-0257**	REVISION: **Rev 2.4 (2026)**
	STANDARD: **ANSI/APSP/ICC-11 & Model Health and Swimming Pool Code (MAHC)**	AUDIT FREQUENCY: **Daily Pre-Shift (Minimum 3x daily testing intervals)**

Commercial Swimming Pool Chemical Log Daily Log Sheet

Operational Scope: Mandatory operational protocol for monitoring commercial aquatic facility water chemistry and mechanical filtration parameters to prevent waterborne illness outbreaks and chemical exposure hazards. This record ensures strict compliance with state health department codes and guest safety mandates.

MANDATORY PPE:	Chemical-Resistant Nitrile Gloves (EN 374), Splash-Proof Chemical Goggles (ANSI Z87.1), Acid-Resistant Rubber Apron, Half-Mask Respirator with Multi-Gas Cartridges, Sturdy Slip-Resistant Footwear
PREREQUISITES:	Verify automatic chemical feeder functionality and chemical supply levels prior to testing. | Ensure test kit reagents are unexpired and calibration standards are within acceptable tolerance. | Confirm emergency eyewash and safety shower stations are unobstructed and fully operational.

WATER CHEMISTRY & DISINFECTION PARAMETERS

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
1	**Free Chlorine Residual**	Levels must register between 2.0 ppm and 4.0 ppm for standard commercial pools (min 1.0 ppm without stabilizer, 2.0 ppm with stabilizer).	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
2	**pH Balance**	Water pH must test within the strict operational band of 7.2 to 7.8 to ensure chlorine efficacy and prevent skin/eye irritation.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
3	**Total Alkalinity**	Measurements must fall between 80 ppm and 120 ppm to buffer pH fluctuations and protect pool infrastructure.	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
4	**Calcium Hardness**	Levels maintained between 200 ppm and 400 ppm to prevent corrosive water or scale formation on pool surfaces.	**Standard**	**[ ] PASS [ ] FAIL [ ] N/A**
5	**Water Temperature**	Pool temperature verified between 78°F and 82°F (Spa/Hot Tub not to exceed 104°F per health code).	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**

MECHANICAL & FILTRATION SYSTEMS AUDIT

#	COMPONENT / ITEM	VERIFICATION CRITERIA & ACCEPTANCE STANDARD	SEVERITY	STATUS
6	**Recirculation Pump & Flow Meter**	Flow meter indicates continuous turnover rate compliance; pumps operating without abnormal vibration, cavitation, or leaks.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
7	**Filter Pressure Differential**	PSI differential across filter tank must not exceed manufacturer maximum backwash threshold (typically 10-15 PSI over clean start pressure).	**Warning**	**[ ] PASS [ ] FAIL [ ] N/A**
8	**Automatic Chemical Controller & Probes**	ORP and pH probes clean, calibrated against manual drop test, and feeding systems actively dosing as required.	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**
9	**Main Drain & Safety Grates**	Main drain covers securely fastened, unbroken, and clearly visible from the deck (VGB Act compliance).	**Critical (Immediate Out of Service)**	**[ ] PASS [ ] FAIL [ ] N/A**

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

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