

Pool pump and filtration quarterly maintenance checklist

A quarterly pool equipment round is short on purpose: it catches the wear items that fail between annual services. This checklist is sized for a tech with a phone. Every item says what to look at and the photo that proves the round happened. Work is commonly verified against manufacturer's published instructions, the applicable health and safety code. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The pool or facilities maintenance tech on the quarterly round; chemical treatment stays with the certified pool operator. When: Every quarter, run on the equipment pad so the pump, filter and chemical controller are checked as one circuit rather than one at a time.

Pump and strainer

- ☐ **Pump running with prime and no leaks**
Pump running smoothly at normal sound and pressure, seal and unions dry, motor not overheating, no air pulling at the lid. **2 photos required**
- ☐ **Strainer basket clean and seated**
Basket cleared of debris, no cracks, lid o-ring seated so the pot holds prime, no air leak at the lid. **1 photo required**

Filter and flow

- ☐ **Filter pressure and backwash checked**
Filter gauge read against the clean baseline, filter backwashed or cleaned when the rise calls for it, sight glass observed to run clear. **2 photos required**
- ☐ **Flow and circulation confirmed**
Return flow present at the inlets, skimmer and main-drain suction pulling, flow meter reading in the normal band where fitted. **1 photo required**

Chemical feed and safety

- ☐ **Chemical controller and feeders observed, not dosed**
Controller powered and not in alarm, feeders have solution and are running, readings recorded and referred to the pool operator for any dosing. **1 photo required**
- ☐ **Main-drain and anti-entrapment cover condition observed**
Cover secured, unbroken and legible, no missing screws or cracks; condition and any compliance marking recorded and flagged if suspect. **2 photos required**