

Oxygen Booster Controlled Dosing Information Request

PIG-OB-001 | Operations | Intended for: Operator

Why this guide is controlled

Puroxi Oxygen Booster is a hydrogen-peroxide-based liquid. A suitable dose depends on product concentration, water chemistry, contaminant demand, application, contact time, sensitive organisms and the required result. A universal public dose could be ineffective or unsafe.

Required information

- Complete product label and Safety Data Sheet for the Oxygen Booster lot
- Water source, intended use and total water volume
- Daily flow, peak flow, recirculation and retention time
- Complete laboratory water analysis and current disinfectants or oxidants
- Target problem and measurable objective
- Fish, crops, livestock, people, food-contact or other sensitive exposure
- Existing tanks, pumps, filters and chemical-feed equipment
- Available monitoring, including peroxide residual, ORP, pH, temperature and dissolved oxygen
- Local regulatory limits and discharge requirements

Correct dosing arrangement

- Use a compatible metering system such as a peristaltic dosing pump.
- Introduce the liquid into the moving water upstream of the selected treatment/contact process.
- Provide compatible tubing, injection fitting, containment and backflow protection.
- Hydrogen peroxide is not a gas and must never be connected to the gas ports of a Puroxi Nano Bubble Nozzle.
- Verify calibration and actual delivered volume before treating the full system.

Controlled response from Puroxi

After reviewing the information, Puroxi may provide a written starting procedure, monitoring limits, adjustment rules and stop conditions. Pilot testing or professional review may be required.

Chemical safety: Read the current SDS and label. Use appropriate PPE, secure storage and trained personnel. Never mix with incompatible chemicals or rely on an unverified internet dosage.