



MIOX DISINFECTS AQUATICS WATER BETTER, SAFER AND AT A LOWER COST

EXPERTS IN AQUATICS

MIOX IS A CUTTING-EDGE TECHNOLOGY COMPANY THAT DELIVERS solutions to increase performance, ROI, safety and revenue. Expertly designed chemical generators give customers the freedom to produce chlorine-based disinfectant in the amounts they need, when they need it. All of this is accomplished without the transportation, storage, or handling of hazardous chemicals. What's more, pool operators experience significant cost savings and customers enjoy an enhanced bather experience.

MIOX's patented Mixed Oxidant Solution (MOS) chemistry for swimming pool water disinfection can help customers improve safety, increase performance, reduce maintenance time, and save money.



- NO STINGING EYES
- SILKY SOFT SKIN
- REDUCED CHLORINE TASTE & ODOR
- SAFE & EASY TO OPERATE
- 90% REDUCTION IN POOL CLOSURE TIME

NOT AN IN-LINE CHLORINATOR

Mixed Oxidant Solution (MOS) chemistry is stored in a day tank and solution is injected into the pool as needed to meet chlorine demand. The reserve disinfectant storage provides operators the ability to meet peak disinfection demands for shock chlorination and circumstances for increased swimming demand (i.e. swim meets). Plus, salt is never added to the pool, so there is no risk of corrosion to metal fixtures.

SUPERIOR MICROORGANISM DEACTIVATION

Unlike tradition chlorine, MIOX MOS systems utilize lower feed rates, offering increased protection against a wide range of microorganisms responsible for causing recreational water illness such as Cryptosporidium, Legionella, and Pseudomonas.

ODOR REDUCTION

"...as MOS reacts directly with NCl3 formed by reactions between free available chlorine and organic sources of nitrogen. MOS chemistry minimizes chloramine formation due to faster break-point chlorination. Reduced odors, reduced skin irritation and reduced eye redness lead to an enjoyable, healthier swim experience."

ABSOLUTELY CRYSTAL CLEAR WATER

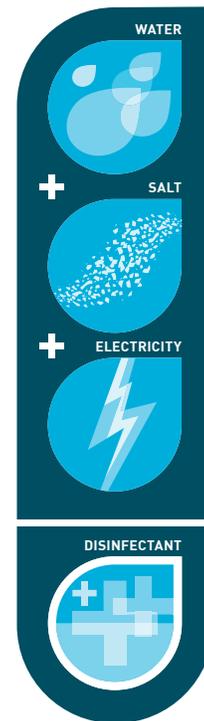
MOS has been shown to remove and prevent the growth of slime, bacteria, and pool algae from pool surfaces, preventing cloudy pool water. Miwa Town, Aichi Prefecture, Japan installed a MIOX Mixed Oxidant Solution (MOS) system and witnessed improved water clarity within 1 week.



BEFORE



AFTER <1 WEEK



ELECTROLYSIS PROCESS
The electrolytic cell of a MIOX on-site generator uses common salt combined with water and electricity to generate high performance disinfection chemistries, eliminating the need to transport and store hazardous chemicals.

Up to 80% operational cost savings compared to Cal Hypo or Bulk Hypochlorite



MIOX PRODUCT GUIDE

CUSTOMIZED CHEMISTRIES

MOS HYPO + PEROXIDE



RIO ZUNI

AE SERIES



VAULT



RIO



RIO GRANDE



POOLS & SPAS	10,000 GALLONS		1 MILLION GALLONS	
COOLING TOWERS	1,000 MGD			600,000+ GPM RECIRCULATION RATE
DRINKING WATER	200 PEOPLE			10 MILLION PEOPLE
	1 LB/DAY	FROM 1 → 3,000+ LBS/DAY PER GENERATOR		3,000+ LBS/DAY

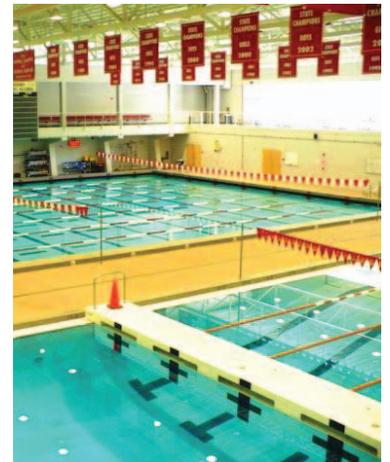


LUXURIOUS EXPERIENCE FREE OF CHLORINE, HARSH ODOR & IRRITANTS

Hyatt Regency Tamaya Resort & Spa in New Mexico offers guests luxurious, calming and refreshing aquatic experiences.

In December 2008, Hyatt Tamaya replaced their delivered bulk hypochlorite regimen with MIOX on-site generated MOS to treat three outdoor pools, three indoor hydrotherapy rooms, and an outdoor whirlpool. MIOX has helped the Hyatt Regency Tamaya reach its goal of a safe, reliable water treatment system with significant social, economic and environmental advantages:

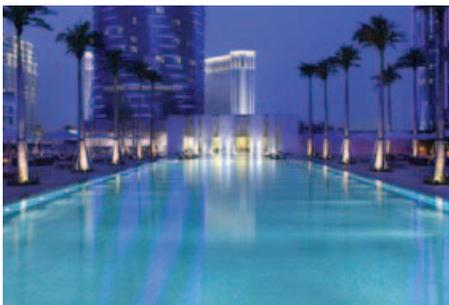
- Eliminated the need to manually transfer 55 gallon barrels of chemicals (liquid bleach) each day
- Crystal-clear pool water that is pleasing to guests
- A swim experience free of chlorine, odor and irritations
- Less impact on the environment and budget



LOWER CHEMICAL DOSE & OBTAIN HIGHER RESIDUAL

In 2008 the Albuquerque Academy installed a MOS system to disinfect their 340,000 gallon competition pool and 250,000 gallon all-purpose pool. In addition to achieving lower chemical dosage, the aquatics facility experienced a 50% operational cost savings over Calcium Hypochlorite tablets.

"I have two primary reasons for partnering with MIOX on the Natatorium at Albuquerque Academy: safety and sustainability"
- John Christensen, Director, Physical Plant, Albuquerque Academy



ELIMINATION OF SLIME, ALGAE & BACTERIA

In 2009 the \$2 Billion casino complex in City of Dreams, Macau installed MOS systems to treat hotel and aquatic facilities at Crown Towers, Grand Hyatt, and Hard Rock Hotel Macau.

The result is improved guest experience by eliminating chlorine odors and skin and eye irritants. MIOX technology completely rid the pool and spa of slime and bacteria, creating beautiful crystal clear water and improved swimmer experience.



Johnson Matthey

