

CHEMICAL IP

CHEMISTRY / SYSTEMS / SCALE

CORE PRODUCT CATEGORIES / WATER CHEMISTRY

Water, Reuse & Biocide

AquaCore™, OxiPro™, separation aids, and tailored water programs.

Combine separation, biological control, and asset protection for a specified outlet quality.





WATER, REUSE & BIOCIDES / 01

Four treatment functions

Different water problems require different chemistry and unit operations.

CLARIFICATION

Coagulants, flocculants, and AquaCore™ programs address suspended solids and turbidity.

OIL AND EMULSION

SepraTech™ concepts support oil-water separation and plant stability.

BIOLOGY AND OXIDATION

OxiPro™ and tailored biocide concepts address microbial and oxidation demand.

REUSE COMPATIBILITY

Scale and corrosion support helps keep treated water fit for downstream use.

Treatment is selected after inlet testing and the customer's required specification.



WATER, REUSE & BIOCIDES / 02

Equipment completes the answer

Chemicals, mixing energy, separation, and controls are engineered as one train.

BENCH

Water analysis, jar tests, compatibility, microbial indicators, and residuals.

PROCESS

Dosing, coagulation, flotation, filtration, polishing, and sludge handling as needed.

MODULAR DELIVERY

Sale, lease, or project-specific treatment service.

OPERATIONS

Track water quality, throughput, chemical usage, uptime, and cost per barrel.

A water sample and target outlet specification create the first design basis.



WATER, REUSE & BIOCIDES / 03

Market range

The same platform is adapted to very different stream chemistries.

PRODUCED WATER

Reuse, clarification, oil removal, and completion compatibility.

MINING

Tailings water recovery, process-loop treatment, and mine-impacted streams.

INDUSTRIAL WASTEWATER

Variable solids, oil, microbial, and polishing requirements.

PAPER AND SPECIALTY

Charge control, clarification, and process-water loops.

No single formulation is presumed to meet every stream or discharge requirement.