

Conventional Treatment < Chemical Precipitation Process



Treat Water Flows From 10 GPM To 1000 GPM

KONTEK's 1400 SERIES

Wastewater Treatment Units are custom designed and integrated into each unique facility.

KONTEK systems meet the stringent effluent requirements that exist within a multitude of industries.

Each unit is meticulously engineered to deliver personalized results.

The design process begins with a comprehensive plant inspection at your facility.

This allows **KONTEK** to identify your feed lines and precise treatment needs.

From there, our in-house engineers determine what combinations of reagents and components are required to meet your facility's specific needs.

Once your full system requirements are established, the **1400 SERIES** System components are engineered, built and tested at our **KONTEK** facility.

The completed unit is transported in separate pieces to your facility and assembled in place for peak efficiency.

Once installed, our team will commission, test and confirm the treatment of wastewater in your new system.

An ISO 9001 Company
Established 1980

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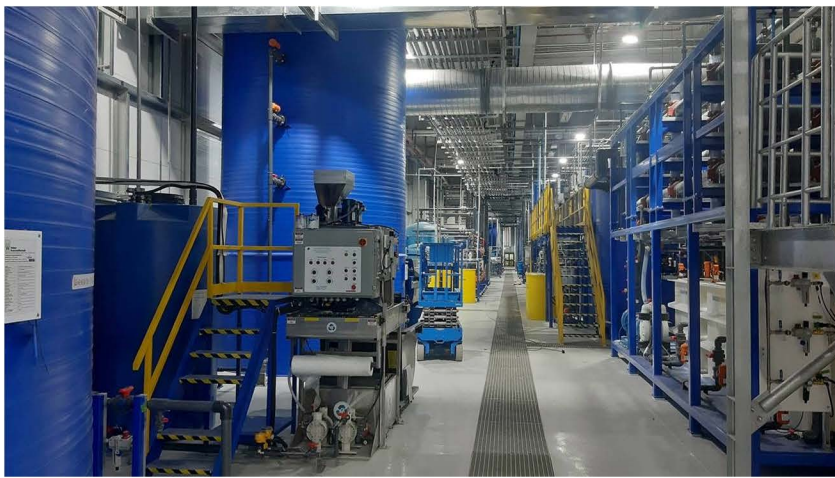
www.kontekwater.com

KONTEK 1400 SERIES

KONTEK guarantees seamless integration and flawless unit performance.

High-volume incline laminar flow clarifiers, complete with poly-vinyl chloride plates, effectively extract remaining waste particles.

In the event that the **KONTEK 1400 SERIES** treated water does not meet post-clarification parameters, the system will automatically re-treat the batch until it is ready for industrial re-use or draining.



Features and Benefits

- Corrosion-proof neutralization reactors are fabricated from fibreglass or polyethylene
- Automatic polymer feed systems
- Each unit is pulse proportionally controlled for additions of reagent chemistry
- Redundant pH/ORP controllers complete with calibration indication for all of the PLC controlled systems
- Kynar housed 4-20 mA non-contacting ultrasonic level controller included on all PLC controlled systems
- High surface area laminar flow clarifiers are fabricated from steel or stainless steel
- Filter presses are fabricated in-house from steel or stainless steel
- Bulk waste storage tanks complete with level control systems and system interlocks
- Level control systems and pumps included with all sludge thickener systems

KONTEK 1400 SERIES

The Complete System

Continuous High Flow Treatment System

- "On-line" troubleshooting is incorporated on all PLC controlled systems
- Tandem solution transfer pumps and solution flow meters are standard on all systems
- Each unit is meticulously engineered to deliver personalized results



Conventional Inclined Plate Clarification