



## **DeZURIK Valves for Industrial Environmental Wastewater Handling**





DeZURIK has a long heritage of delivering high quality valves specifically designed for challenging applications, and that continues today in our industrial valve lines.

DeZURIK is an industry leader in providing turnkey environmental wastewater valves for industrial applications including refining, petrochemical, chemical, pulp and paper, and power utilities.

Drawing on years of wastewater experience, DeZURIK leads the industry with high quality, AWWA C504 and C517 isolation and process flow control valves that are up to the unique challenges of industrial environmental wastewater. From traditional Dissolved Gas Flotation (DGF) systems to more advanced Membrane Bioreactors, DeZURIK has the answers to all your service condition challenges.



DeZURIK can provide all the valves in your environmental wastewater systems including grey water intake, pump isolation, pump surge control and membrane bioreactor isolation. Our expertise in these systems allows us to custom match our valves to your exact flow and water quality conditions and provide detailed flow and pump efficiency analysis. DeZURIK Industrial Environmental Wastewater applications include:

Criteria for Optimal Pump Station Performance and Safety				
<b>Critical Station Requirements</b>	Pump Reversal, Backspin & Water Hammer Prevention	Pipe Burst & Vacuum Prevention	Water Hammer & Back Flow Prevention	Surge Protection
<b>Product</b>				
	<b>DeZURIK PEC/PEF Pump Plug Valves</b>	<b>APCO ASU Combination Air Valves</b>	<b>APCO CVS 6000 Swing Check Valves</b>	<b>APCO SRA Surge Relief Angle Valves</b>
<b>Important Product Capabilities</b>	Startup/Shut Down Surge Protection 300:1 Range Low Head Loss Open and Close Speed Control	Combination Air Release & Vacuum Prevention  Slow Closing - Adaptable to Pump Flow Characteristics	Fast Closure  Low Head Loss  Non-Slam Capability	Opens Quickly on Pressure Surge Event  Adjustable Closing Speed Control to Match Flow Characteristics

Application	Valve
Return Activated Sludge (RAS) Flow Control	DeZURIK PEC Eccentric Plug Valve
Return Activated Sludge (RAS) Aeration	DeZURIK PEC Eccentric Plug Valve
Waste Activated Sludge (WAS) Flow Control	DeZURIK PEC Eccentric Plug Valve
Process Air to Sludge Tank	DeZURIK BHP High Performance Butterfly Valve
Permeate Pump Back Pressure	DeZURIK PEC Eccentric Plug Valve
Process Air Main Header	DeZURIK BHP High Performance Butterfly Valve
Dissolved Gas Flotation (DGF) Effluent to Aeration Basin	DeZURIK PEC Eccentric Plug Valve
Process Air to Aeration Tank	DeZURIK BHP High Performance Butterfly Valve
Isolation Knife Gate Valves	DeZURIK KGC-ES Cast Stainless Steel Knife Gate Valves

## SALES AND SERVICE

For more information, contact DeZURIK

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