

# POWER GENERATION INDUSTRY

**Proven Chemistries with Measurable Results**



- Productivity & Profitability Improvements
- Environmental, Health and Safety
- Asset Protection

# Innovative Solutions for the Power Generation Industry

For over 100 years, Solenis has developed a comprehensive portfolio of products and services for industrial operations and have earned a reputation for delivering innovative products that address customer needs.

Through our Customer Value Assurance process we continuously strive to better understand and anticipate customer challenges and then consult with them to develop solutions that deliver real value. Our goal is to help improve our customer's business performance by implementing,

maximizing and measuring the impact of the value solutions we deliver.

Solenis offers innovative chemistries and equipment technologies for the Power Generation industry that allow customers to improve their operational efficiencies, to comply with regulatory requirements and to protect their equipment assets and includes specialized programs to address steam generator and condensate corrosion, cooling tower fill fouling, and cooling system corrosion and deposition.

CUSTOMER NEEDS	SOLENIS OFFERING	SOLENIS WATER TREATMENT SOLUTIONS
<b>Productivity &amp; Profitability Improvements</b>	<ul style="list-style-type: none"> <li>Asset protection</li> <li>Extended equipment reliability</li> <li>'Return on Investment' projects</li> <li>Reduced total cost of operation</li> <li>Lower heat rate</li> <li>Improved plant capacity factor</li> </ul>	<b>Influent/Effluent/Solids Separation</b> <ul style="list-style-type: none"> <li>Amerfloc™ coagulant/flocculant products</li> <li>Chargepac™ coagulant products</li> </ul> <b>Steam Cycle Chemistry</b> <ul style="list-style-type: none"> <li>Amertrol™ HT deposit/corrosion inhibitors</li> <li>Amercor™ corrosion inhibitors</li> <li>MEKOR™ corrosion inhibitors</li> <li>AmeROyal™ RO deposit inhibitors</li> </ul>
<b>Reliable Water Treatment Supplier and Consulting</b>	<ul style="list-style-type: none"> <li>Analytical Services                             <ul style="list-style-type: none"> <li>» X-ray Diffraction</li> <li>» X-ray Fluorescence</li> <li>» SEM</li> <li>» Metallurgists/Failure Analysis</li> </ul> </li> <li>Water Consulting Services                             <ul style="list-style-type: none"> <li>» Dedicated Power Industry team</li> <li>» Product development and testing</li> <li>» Full service field support</li> <li>» New construction start-up support</li> </ul> </li> </ul>	<b>Cooling Water Chemistry</b> <ul style="list-style-type: none"> <li>PerforMax™ deposit/corrosion inhibitors</li> <li>Millsperse™ deposit/corrosion inhibitors</li> </ul> <b>Microbiological Control Chemistry</b> <ul style="list-style-type: none"> <li>Generox™ microbiocides</li> <li>Biosperse™ microbiocides</li> </ul>
<b>Environmental, Regulatory Compliance, Sustainability</b>	<ul style="list-style-type: none"> <li>Optimized chemical use</li> <li>Chemical handling solutions</li> <li>On-site chemical safety training</li> <li>Product stewardship and Responsible Care* company</li> <li>Compliant with local and federal legislation</li> </ul>	<b>Monitoring and Control Systems</b> <ul style="list-style-type: none"> <li>OnGuard™ OnLine data management software</li> <li>OnGuard 2-plus control system</li> <li>OnGuard 3S/3H/3B controller</li> <li>OnGuard Tracker control system</li> </ul>

## Knowledge and Expertise

Around the globe we utilize our technologically advanced specialty chemicals and equipment that ensure your water and energy use is efficient, your system reliability is maximized and your capital assets are not compromised.

Working side by side with your personnel, your Solenis sales and service professionals become familiar with your operation and apply this knowledge to design a total system approach tailored to your needs. Supporting your local representatives is a dedicated team of applications specialists who are knowledgeable in chemistry, automation, steam generating systems, and water treatment.

These applications experts troubleshoot problems and specify best practices. Armed with the right products and a complete understanding of your facility, our sales professionals and applications specialists are uniquely positioned to help you establish new benchmarks for your operation. Whether your objective is to improve system reliability, to reduce costs, or to improve risk management, you can count on our team to provide a cost-effective solution that meets or exceeds your needs.

## More Information

To learn more, contact your technical sales representative or visit us online.

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