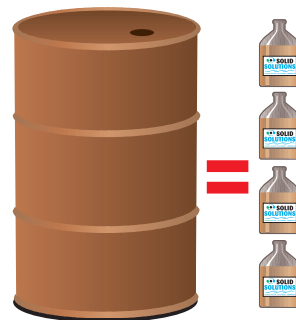


SOLID SOLUTIONS

GREEN WATER TREATMENT PROGRAMS



SOLID SOLUTIONS is a series of advanced, solid water treatment products designed to replace existing liquid treatment programs.



Our Solid Solutions product line consists of a complete series of environmentally-responsible corrosion inhibitors, dispersants and microbiocides that can be used in most cooling, boiler, and closed-loop recirculating water systems. Products are packaged in gallon-sized, HDPE-2 plastic containers, with 4 containers added to a fiberboard shipping carton. Each carton (which weighs approximately 50 pounds) generates about one 30 to 55 gallon conventional drum's worth of active water treatment solution.

To activate the program, an individual plastic bottle containing the solid product is placed into a wall-mounted dilution panel that accepts water from a standard tap water source. The proprietary composition of the Solid Solutions program allows the tap water to easily dissolve the product into a ready-to-use liquid. The concentrated liquid solution then simply empties into an integrated reservoir that is contained within the dissolution panel. Once in the reservoir, the concentrated water treatment liquid is then added to the desired system via existing system controllers and metering pumps.



Although the dilution strength of the concentrated liquid remains constant through the process, product dosage rates will vary depending upon the specific application, operating conditions, and system volumes. Jamestown's Technical Advisors will help you to calculate proper product dosages and administer the entire treatment program. With Solid Solutions, you only use the

amount needed when it is needed, so the program operates efficiently and without waste. Best of all, the Solid Solutions treatment program operates with your existing system controllers and metering pumps, so the installation is quick and economical.

SOLID SOLUTIONS products help qualify facilities for Leadership in Energy and Environmental Design (LEED) Certification (Silver, Gold or Platinum Ratings) based on points from a U.S. accreditation organization. These types of environmental and energy incentives are also supported by the U.S. Green Building Council (www.usgbc.org).



JAMESTOWN TECHNOLOGIES

Water Resource Specialists

JAMESTOWN TECHNOLOGIES

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**U.S. Environmental Protection Agency
Presidential
Green Chemistry Award
Nominee**

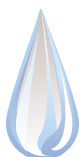
Integrating SOLID SOLUTIONS into your water treatment line...

What's In...

- ✓ Safe, convenient, easy-to-handle, gallon-sized product containers
- ✓ Solid products that are fully soluble with plain tap water
- ✓ Easier and safer product handling with reduced labor input
- ✓ Simple and reliable wall mounted panel that accurately controls product dilution
- ✓ Significantly reduced shipping and handling charges
- ✓ Elimination of drum handling and disposal concerns
- ✓ Cleaner and safer chemical feed stations and work areas
- ✓ Improved system operating efficiencies and reduced energy use and water consumption
- ✓ Qualification for LEED credits and improved environmental footprint
- ✓ Reduced storage space requirements
- ✓ Overall operating costs similar to traditional liquid-based programs

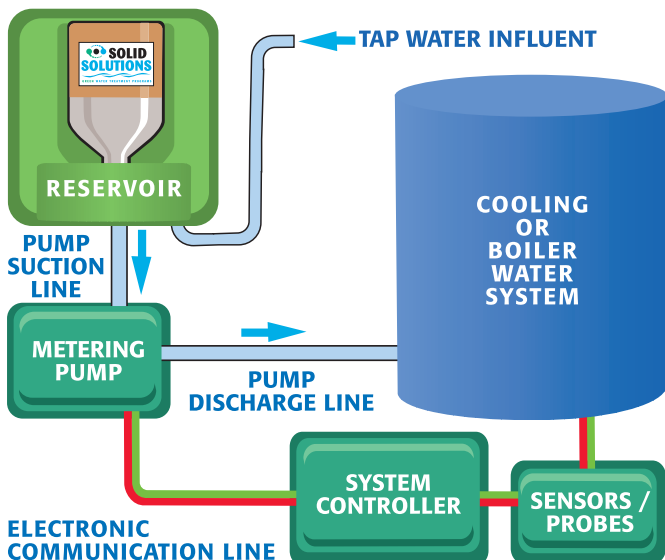
What's Out...

- ✗ Bulky, heavy, and cumbersome liquid products in drums and totes
- ✗ Increased potential for "on-site" spills
- ✗ Escalating freight and delivery costs
- ✗ Cluttered and unsafe chemical feed stations and work areas
- ✗ Drum handling and disposal concerns
- ✗ Excessive energy use and water consumption rates
- ✗ Increase OSHA and DOT compliance concerns
- ✗ Limited storage space requirements
- ✗ Increased restrictions on the transportation of hazardous materials



SOLID SOLUTIONS products are packaged in HDPE-2 plastic containers that are suitable for recycling, so there are no totes, drums, pails, or disposal concerns.

TYPICAL APPLICATION FLOW DIAGRAM



Existing system monitors and testing procedures are used to measure SOLID SOLUTIONS product concentrations in the systems. Operating parameters such as molybdate concentrations, pH levels, conductivity, and microbiological counts will still be periodically evaluated by a designated Jamestown Service Engineer to maintain continuous and consistent levels of performance.



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