

## August

Hello and welcome to the Clark-Reliance® August 2008 issue of e-news. This informational newsletter is designed to help you find solutions to your most difficult application and processing problems. You are receiving this e-newsletter because you previously made an inquiry for information about Clark-Reliance's products.

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### Introducing the Clark-Reliance Niagara Coalescer Element and the Gas Sentinel Filter Separator Elements

Clark-Reliance is a leader in the supply of process filtration equipment and elements for the natural gas production and transmission, power generation and general processing industries. We address some of the most difficult applications in the industry, and are continually recognized for our innovation. We consistently introduce new and updated products and solutions to improve customers' operations. Today we are pleased to announce that the future of natural gas elements has arrived: the Clark-Reliance Niagara Coalescer Element and the Gas Sentinel.

Clark-Reliance Niagara Coalescer Elements are designed to provide high coalescing efficiency and high dirt holding capacity while maintaining a low pressure drop. This enables extended service life versus older style coalescing elements.



The Clark-Reliance Niagara Coalescer Element is a high quality borosilicate glass microfiber that is highly porous, with 90-95 percent of its volume being void, or open, and available to hold contaminants. Niagara Elements will effectively removal mist, aerosols and solid particulates down to 0.3 $\mu$ .

The Niagara Coalescer Elements are constructed of multiple layers of filtration and coalescing media. The outer core is constructed of sintered polypropylene, providing superior flow when saturated. The result is a long lasting low differential coalescing element.

The Clark-Reliance Gas Sentinel Filter Element is specifically designed to remove solid and liquid contaminants from gas streams at the micron sizes specified. The Filter/Separator element is designed to optimize to the lowest differential pressures with the highest dirt holding capacity. Sentinel elements utilize serial filtration technology to layer medias based on key performance characteristics.

The design extends service life by incorporating a durable synthetic media that is capable of handling extreme service requirements in which erosion may have been a problem. The multilayer media allows easy handling of high flow rates, extended filter life and exceptional dirt holding. In applications where capacities have exceeded the design of existing vessels, the Sentinel elements have been used without increases in differential pressure.

To learn more about the Clark-Reliance Niagara Coalescer Element and the Gas Sentinel, [CONTACT US](#) today!

## Visit Clark-Reliance at Upcoming Trade Shows



See Clark-Reliance products up-close at a 2008 trade show. Learn more about our company and our wide range of products from the expert staff on hand at our trade show booths. Clark-Reliance will exhibit at the following shows:

Coal-Gen, August 13-15 in Louisville, KY.

ONS 2008, August 26-29 in Stavanger, Norway.

Turbomachinery Symposium, September 8-11 in Houston, TX.

ISA Expo, October 14-16 in Houston, TX.

Expoquimia, October 20-24 in Barcelona, Spain.

ADIPEC 2008, November 3-6 in Abu Dhabi, UAE.

POWER-GEN International, December 2-4 in Orlando, FL.

Also scheduled are Clark-Reliance Corporate Factory Training Sessions:

Instrumentation Training, September 15-18 in Strongsville, OH.

Filtration Training, September 22-24 in Strongsville, OH.

16633 Foltz Industrial Parkway • Strongsville, Ohio 44149, U.S.A.  
Telephone (440) 572-1500 • Fax (440) 238-8828 • [www.clark-reliance.com](http://www.clark-reliance.com)

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Clark-Reliance Corporation is a multi-divisional corporation serving the petrochemical, refining and power generating industries. Each of its product lines falls under one of three operating group names: Clark-Reliance Instrument and Controls Group, Clark-Reliance Filtration Equipment Group and Clark-Reliance Filtration Elements Group. Clark-Reliance Products and Brands include: Anderson Separator, Clark Steam Specialties, Clark-Reliance, HYCOA (Hydraulics Company of America), Jacoby-Tarbox, Jerguson Gage and Valve, Magne-Sonics, NFS (National Filtration Systems), Reliance Boiler Trim, Magnicator, Electro Eye-Hye, Simpliport, LevelStar, UniGlas, UniShield, Levalarm, Enduratrap, Levelmax and Hi-ef Separations.

Anderson® Jacoby-Tarbox®, Jerguson®, Magne-Sonics®, National Filtration Systems® and Reliance®