



Solutions for Energy, Environmental, Maintenance, Repair and Operations

PO Box 620, Ruckersville, VA 22968-0620

## **Energy Conservation:**

**Shannon-Insultech™** Removable, Reusable Blanket Systems for Thermal and Acoustic Applications. Thermal blankets save 82 to 90 percent of thermal energy versus bare pipe and fittings, reduce Greenhouse Gas Emissions and eliminate Burn Hazards. Acoustic blankets can reduce nuisance noise by as much as 50%. Services include onsite Energy or Acoustic Surveys, plus optional Turn-key installations. We achieve excellent re-installation of blankets by your personnel through Shannon's I.D. Tagging and Record Archival System. *Learn more at [www.blanket-insulation.com](http://www.blanket-insulation.com)*

**SteamGard** Inventors and Manufacturers of Modified Venturi Steam Traps & Condensate Drain Systems. Since 1976 SteamGard Systems and engineering expertise have been used successfully by the U.S. Navy, numerous Fortune 500 Companies and major universities and hospitals. Energy Savings to 30%, major parts and labor savings. See full description in our Maintenance section below.

**Mechanical Insulation Appraisals** Onsite audits providing energy savings proposals & recommendations based on the types, sizes, quantities and condition of the mechanical insulation systems in your facility. *Learn more at <http://cva-energy-industrial.com/contact-us.html>*

**LED/Solid State Lighting Systems** Using 4 generations of lighting experience and Made in America products we provide excellent, cost effective solutions for tough indoor and outdoor lighting applications. We specialize in stadium, parking area, outdoor security, roadway and port security lighting systems. *Learn more at <http://cva-energy-industrial.com/contact-us.html>*

**ZOO Fans and MacroAir Fans** provide Energy Savings, HVAC Optimization, Improved Indoor Air Quality and increased Employee Comfort and Productivity through destratification and improved air movement. ZOO Fans enclosed-blade turbine fans for in-ceiling & congested hi-bay areas, and MacroAir – the original High Volume Low Speed Fan for large open areas. *Learn more at <http://cva-energy-industrial.com/contact-us.html>*

**Budderfly®** Visibility, Monitoring, Data Management & Control of electric usage down to a granular level never before possible. Modify your end user's awareness & behavior through the ability to see and manage all your electric usage in real time. From individual 115v plug loads to cooling towers and more. Integrates easily with all BMS, BACNet & Demand Response Systems. *Learn more at <http://cva-energy-industrial.com/contact-us.html>*

## **Environmental, Maintenance, Repair and Operations:**

**Oil Skimmers, Inc** over 40 years of success with a proprietary floating tube design that works continuously even with debris on the surface of the water to collect oil, not water. More oil is recovered and less water or coolant lost versus maintenance – intensive belt or rope & mop skimmers or conventional oil-water separators. All the equipment except the tube is out of the water, preventing the need for employees to enter the liquid to service the equipment. *Learn more at [www.oilskim.com](http://www.oilskim.com)*

**Macawber Engineering Low velocity, Dense-phase Pneumatic Conveying Systems** many bulk materials that are fragile, abrasive, moist lumpy or hot cannot be handled efficiently or cleanly by Mechanical or dilute-phase pneumatic systems. Macawber Engineering is the inventor and still best in class manufacturer of the Dense-phase pneumatic method. Increase your energy efficiency, reduce maintenance and increase tonnage with Macawber. *Learn more at [www.macawber.com](http://www.macawber.com)*

**Dome Valve II** for positive shut-off of materials – including standing columns of materials - in harsh, hot and abrasive environments. Up to one million cycle-life between service intervals. Designed and manufactured by Macawber Engineering, manufacturer of Macawber Dense-phase Pneumatic Conveying Systems and related pressure vessels. *Learn more at [www.macawber.com](http://www.macawber.com)*

**Magnetic Systems International** Michigan-based manufacturer of Magnetic Industrial Solutions and Products used in bulk conveying and process systems in the Agricultural, Recycling, Mining, Pharmaceutical, Food Processing and Aggregate industries. MSI is a respected leader in the design and manufacture of magnetic systems for the above-mentioned industries, MSI manufactures their systems in too many materials and configurations to cover here. *Learn more at [www.msimagnets.com](http://www.msimagnets.com)*

**Delta T Systems** Exceptional U.S. Manufacturer of Water or Oil Circulating Process Temperature Control Equipment & Chiller Systems. Delta T Systems provide superior accuracy and consistency of temperature control, backed by outstanding customer service and technical support. All components are nonproprietary and readily available. In addition to standard systems, Delta T Systems excels in special designs, refurbishment of existing systems, and offers a broad selection of parts for your existing equipment. *Learn more at [www.deltatsys.com](http://www.deltatsys.com)*

**SteamGard Modified Venturi Steam Traps** With a heritage of engineering excellence that spans over four decades, STEAMGARD® is the leader in optimizing the performance of steam systems worldwide. THE STEAMGARD SYSTEM® is utilized in an array of applications ranging from world-renowned industrial facilities to United States Navy aircraft carriers, hospitals, hotels, colleges & universities, government facilities, manufacturing plants, power generation plants, and various other institutions around the globe. Its benefits are reduced energy consumption, vastly lower operational costs, improved productivity, enhanced safety and decades of virtually maintenance-free operation. *Learn more at [www.steamgard.com](http://www.steamgard.com)*

**Altair Equipment Company** (AECO) was formed in the early 1970's to provide expert services for water and waste treatment systems. Today AECO designs and manufactures dealkylizers, demineralizers, deaerators, condensate polishers, RO systems, & validated ultrapure systems. AECO's staff of engineers and CAD designers have over 200 years of experience in water treatment design, troubleshooting, startup, assembly, application, service, and evaluation of water treatment systems. AECO's customers include major automobile manufacturers, pharmaceutical companies, power suppliers, and chemical companies. *Learn more at [www.altairequipment.com](http://www.altairequipment.com)*

**AAA Technology & Specialties Co, Inc** was founded on 1971 in Houston, TX, to fulfill the pipe support and miscellaneous fabrication needs of the process industry with correctly engineered and fabricated Made in the U.S. products. Today AAA Tech manufactures everything from standard clevis hangers, slide bearings, struts, sway braces and anchors to engineered box springs with capacities to 250,000 lbs. AAA Technology's Professional Engineers can perform onsite 'Fitness of Service Audits' of your piping, pipe support & anchor systems to meet your insurance carrier and corporate safety requirements. *Learn more at [www.aaatech.com](http://www.aaatech.com)*

**Piping Solutions, Inc.** the Engineering Software Division of AAA Technology, has operated since 1971. Piping Solutions created, markets and supports TRIFLEX® Windows - a Piping System Stress Analysis Software & Design Program that provides user-friendly data entry, an extremely flexible output report generator and superior input & output graphics, offering Engineers an expandable, network-wide solution to meet today's piping requirements for the Chemical, Petro-Chemical, Refining, Power, Pipeline, Pulp & Paper, Food Processing and Shipbuilding industries.

Piping Solutions Inc., also provides highly experienced expert piping stress analysis consulting services, superior training in the field of ASME pipe stress analysis, and dedicated support and assistance for users of our engineering software. Learn more about our Tri-Hanger®, Tri-flex® and Tri-Flex SM Software at [www.pipingsolutions.com](http://www.pipingsolutions.com)

**Flextech Expansion Joints** Metal bellows, fabric or rubber. Field inspections, repair & replacement, & emergency services. Industrial dampers & ducting, dust collector housings, ladders, platforms, process skids & fabrication. Mfg plants in Clinton, MO & Canada Learn more at [www.flextech-ind.com](http://www.flextech-ind.com)

Office: (434) 985-1870

E-mail: [cvaindproducts@hughes.net](mailto:cvaindproducts@hughes.net)

Mobile: (434) 806-9717

Website: [www.cva-energy-industrial.com](http://www.cva-energy-industrial.com)