

# SHOWCASE EXHIBITORS

## **Alzeta Corporation**

Booth No: 11

James Gotterba  
2343 Calle del Mundo  
Santa Clara, CA 95054-1008  
Phone: 408-727-8282 Fax: 408-727-9740 E-mail: jgotterba@alzeta.com

***VOC Abatement Systems, including the EDGE QR flameless thermal oxidizer and the EDGE GC-R recuperated catalytic oxidizer. Also exhibited is the CSB Ultra-low NOx burner available for boiler and process heater applications.***

## **Aqualine Resources, Inc.**

Booth No: 12

Judy Dyess  
1903 W. Welsford Dr.  
Spring, TX 77386  
Phone: 281-296-7794 Fax: 281-296-8606 E-mail: jdyess@aqualine-resources.com  
Toll Free: 800-617-0007 Web: www.aqualine-resources.com

***Turn-key water, steam, lighting and energy management programs that offer superior engineering capabilities and outstanding project management.***

## **Armstrong International, Inc.**

Booth No: 43

Douglas Bloss  
816 Maple St.  
Three Rivers, MI 49093  
Phone: 269-273-1415 Fax: 269-278-6555 E-mail: dbloss@armstrongservice.com  
Web: www.armstrong-intl.com

***Armstrong will exhibit a pressure powered condensate pump, condensate collection manifold, and steam trap with integral isolation valves and diagnostics.***

## **Aspen Technology, Inc.**

Booth No: 27

Kathleen Garza  
1293 Eldridge Parkway  
Houston, TX 77077  
Phone: 281-504-3066 Fax: 281-584-5499 E-mail: kathleen.garza@aspentech.com  
Web: www.aspentech.com

***Aspen Utilities are used to address the key issues in the purchase, supply and usage of fuel, steam and power simultaneously within the context of an integrated utilities management objective.***

## **Bambeck Systems, Inc./Bambeck Technology, Inc.**

Booth No: 25

Robert Bambeck  
1921 East Carnegie Ave.  
Santa Ana, CA 92705  
Phone: 949-250-3100 Fax: 949-757-1610 E-mail: rjbambeck@bambecksystems.com

***Bambeck Technology works to ensure low excess air control in refinery and chemical plant process heaters. On display will be the light-beam CO analyzer and control software.***

# SHOWCASE EXHIBITORS

## **Benz Air Engineering**

Booth No: 50

Robert Benz, President  
531 Cypress Avenue  
Hermosa Beach, CA 90254  
Phone: 888-203-7224 Fax: 310-376-6999 E-mail: robert@benzair.com

***Benz Air will exhibit the Compu-NOx control system, which reduces NOx and increases combustion efficiency. Compu-NOx has been installed on over 200 industrial boilers, which are now operating below 0.03lbs/mmbtu NOx.***

## **Brown Fintube**

Booth No: 03

Paul Nuttall  
12602 FM 529  
Houston, TX 77041  
Phone: 713-849-8137 Fax: 713-466-3625 E-mail: nuttallp@kochind.com  
Web: www.brownfintube.com

***Brown Fintube will display their Twisted Tube-R technology which utilizes tube and bundle construction to increase heat transfer and reduce pressure drop.***

## **Burns & McDonnell Engineering Company**

Booth No: F

David Nispel  
9400 Ward Parkway  
Kansas City, MO 64114  
Phone: 816-822-3421 Fax: 816-822-3416 E-mail: dnispel@burnsmed.com

***Burns & McDonnell is an international engineering, architecture and consulting firm with offices worldwide. For over 100 years, Burns & McDonnell has been helping clients achieve their technical, economic and environmental goals. Our full service capabilities range from initial studies through planning, designing and construction and any portion in between. Our core values include safety first, integrity, and quality driven performance.***

## **Center for Energy and Environmental Resources & Texas Industries of the Future** Booth No: 61

Kathey Ferland  
10100 Burnet Rd. CEER R-7100  
Austin, TX 78758  
Phone: 512-232-4823 Fax: 512-471-1720 E-mail: kferland@mail.utexas.edu

***CEER will exhibit four ongoing activities: The Texas Industries of the Future, the Separations Research Program, the Texas Council on Environmental Technologies, and the Air Resources Engineering Program.***

## **CenterPoint Energy**

Booth No: 31

George Smith  
PO Box 1700 TrT 16  
Houston, TX 77002  
Phone: 713-207-3488 Fax: 713-207-9084 E-mail: george.smith@centerpointenergy.com

***CenterPoint Energy will provide information on its Commercial and Industrial Standard Offer Program. This program provides incentives for energy efficiency improvements at facilities in the CenterPoint service area.***

# SHOWCASE EXHIBITORS

## **Cetek Limited**

Booth No: 32

Mario Cumbo  
640 North Rocky River Drive  
Berea, OH 44017  
Phone: 440-891-0892 Fax: 440-891-0899 E-mail: Mario.Cumbo@Fosbel.com  
Web: www.ceteklimited.com

***Cetek Limited has developed high emissivity ceramic coatings that significantly improve fired heater efficiency in the refining and petrochemical industries. Coatings have been proven to reduce NOx emissions by as much as 30% in most process heaters.***

## **Chemic Engineers**

Booth No: 36

John Hartenberger  
4820 FM 2004  
Hitchcock, TX 77563  
Phone: 409-986-6504, x123 Fax: 409-986-6900 E-mail: jhartenberger@chemic.com

***Chemic Engineers will be presenting our numerous services such as:  
Engineering services involving Process Control Simulation.  
Energy Engineering Services: Electrical, Instrumentation, Mechanical, Civil/Structural, Distributive Control Systems design.  
Energy audits to industrial customers.***

## **Cinergy Solutions**

Booth No: 38

Julie Jones, Senior Project Coordinator  
139 E. 4th St. EA 600  
Cincinnati, OH 45202  
Phone: 513-419-5964 Fax: 513-419-5522 E-mail: julie.jones@cinergy.com  
Toll Free: 1-800-398-5917 Web: www.cinergysolutions.com

***Cinergy provides complete on-site energy and utility services to customers. Maximizing efficiencies in energy type and usage, utility usage, environmental compliance, cost reduction and invested capital.***

## **Clean Air Engineering**

Booth No: 44

Michael Cybulski  
321 Century Plaza, #130  
Houston, TX 77073  
Phone: 281-443-6400 Fax: 281-443-1806 E-mail: michael\_cybulski@cleanair.com

***Clean Air Engineering sells Sequential Empirical Optimization software. This technology increases boiler efficiency and lowers NOx emissions.***

## **Coen Company**

Booth No: 17

Tom Sayers, Marketing Manager  
1510 Tanforan Ave.  
Woodland, CA 95776  
Phone: 530-668-2124 Fax: 530-668-2171 E-mail: tsayers@coen.com

***Coen Company will be displaying ultra low NOx burner technology including the Delta-NOx burner. This burner is ideal for single or multi-burner applications, refinery gas compatible, has high burner turndown and extremely stable combustion.***

# SHOWCASE EXHIBITORS

## **Council of Industrial Boiler Owners (CIBO)**

Booth No: 21

Robert Bessette  
6035 Burke Centre Parkway, Suite 360  
Burke, VA 22015  
Phone: 703-205-9042 Fax: 703-239-9042 E-mail: Bessette@cibo.org

***Representing the interests of America's Industrial energy users.***

## **CRI Catalyst Company**

Booth No: 45

Robert Remkes  
16825 Northchase Dr., Suite 1110  
Houston, TX 77060  
Phone: 281-876-6002 Fax: 281-874-2499 E-mail: robert\_remkes@cricatalyst.com

***CRI will be presenting Shell Low Temperature SCR technology which has been successfully applied to combustion and chemical process applications. The technology offers high NOx conversion at low pressure drop and low temperatures.***

## **EcoShield Environmental Systems, Inc.**

Booth No: 54

Mike McGinness  
PO Box 513,  
Houston, TX 77587  
Phone: 877-326-7443 Fax: 877-326-0090 E-mail: cpsco@earthlink.net

***Ecoshield Aqueous Cleaner Regeneration and Industrial Pretreatment Bioreactor Systems will be exhibited. Both technologies offer substantial reductions in VOC, HAP, NOx and CO2 greenhouse gas emissions.***

## **Energy Concepts Co.**

Booth No: 28

Donald Erickson  
627 Ridgeley Ave.  
Annapolis, MD 21401  
Phone: 410-266-6521 Fax: 410-266-6539 E-mail:

***Three technologies will be presented:***

- (1) Waste-Heat Powered Ammonia Absorption Refrigeration Unit (ARU).***
- (2) Power Generation Using Process Stack Heat.***
- (3) Heat-Integrated Distillation Trays.***

## **Entropy Technology & Environmental Consultants, LP (ETEC)**

Booth No: 42

Ravi Agrawal, Vice President  
12337 Jones Rd, Suite 414  
Houston, TX 77070  
Phone: 281-807-7007 Fax: 281-807-1414 E-mail: agrawal@etecinc.net

***ETEC is a NOx Control Technology provider. The technology presented is applicable for Boilers and Process Heaters. ETEC provides Induced Flue Gas Recirculation system for NOx control. Results from installations will be displayed.***

# SHOWCASE EXHIBITORS

## **Epcon Industrial Systems**

Booth No: C

Mohammed Hafeez

PO Box 7060

Woodlands, TX 77387

Phone: 936-273-1774 x. 202 Fax: 936-273-4600 E-mail: mohammed@epconind.com

***Epcon Industrial Systems manufactures air pollution control equipment, such as thermal oxidizers, fume incinerators, NOx reduction equipment and industrial ovens.***

## **Fluent Inc.**

Booth No: 06

Ahmad Haidari

10 Cavendish Court

Lebanon, NH 03766

Phone: 800-445-4454 Fax: 603-643-3967 E-mail: info@fluent.com

Web: www.fluent.com

***Computational Fluid Dynamic (CFD) modeling tools and engineering services that can be used by refining and chemical engineers. Successful application of CFD will be exhibited through case studies and software demonstrations.***

## **Furnace Improvements**

Booth No: 13

Ashutosh Garg

4655 Sweetwater Blvd., Suite 600

Sugarland, TX 77479

Phone: 281-980-0325 Fax: 281-980-4318 E-mail: ashutosh@heatflux.com

***Furnace Improvements is engaged in improving thermal efficiency, increasing heater capacity and reducing NOx emissions of fired heaters and furnaces in refineries and petrochemical plants.***

## **Gas Technology Institute**

Booth No: 08

Kevin Trim

1700 South Mount Prospect Rd.

Des Plaines, IL 60018

Phone: 847-768-0976 Fax: 847-768-0501 E-mail: kevin.trim@gastechnology.org

***Forced Internal Recirculation (FIR) Burner for boilers and process heaters. Thermal Imaging Control of Furnaces and Combustors increases efficiency of industrial furnaces. Oxygen-Enriched Air Staging (OEAS) for NOx reduction for air-fired regenerative glass furnaces***

## **GE Power Systems**

Booth No: 39

Sherry Odom

4200 Wildwood Parkway

Atlanta, GA 30339

Phone: 678-844-6551 Fax: E-mail: sherry.odom@ps.ge.com

***GE Power Systems will be exhibiting their CEMS hardware, software and associated services.***

# SHOWCASE EXHIBITORS

## **Haldor Topsoe, Inc., SCR Catalyst Group**

Booth No: 41

Gary Miller  
16729 El Camino Real, Suite 300  
Houston, TX 77058  
Phone: 281-228-5136 Fax: 281-228-5129 E-mail: gdm@topsoe.com  
Web: www.haldortopsoe.com

***Haldor Topsoe will be presenting a SCR catalyst. SCR stands for Selective Catalytic Reduction of NOx using ammonia over a catalyst.***

## **Honeywell International**

Booth No: 47

James McAuley  
6910 Falconcliff Drive  
Houston, TX 77069  
Phone: 832-563-6395 Fax: E-mail: jmcauley@honeywellpai.com

***Honeywell International's supply side optimization includes: Demand Expander (pressure/flow controller), multiple compressor controller, load shaping to meet demand events, Utility Air Assessor for remote monitoring service and local controllers for compressors.***

## **Institute of Paper Science & Technology**

Booth No: B

Woody Rice, Vice President  
2921 W. Brigstock Rd.  
Midlothian, VA 23113  
Phone: 804-378-1986 Fax: 804-378-1986 E-mail: rdetr23113@aol.com  
Toll Free: 800-558-6611 Web: www.ipst.edu

***IPST collaborates with DOE to provide and initiate energy-savings programs, to disseminate DOE software, and to assist in energy audits for the forest products industry.***

## **KBC Advanced Technologies, Inc.**

Booth No: 04

Tiffany Valach  
14701 St. Mary's Lane, Suite 300  
Houston, TX 77079  
Phone: 281-293-8200 Fax: 281-293-8290 E-mail: tvalach@kbc.com

***Demonstration of plant optimization tools including: software, selected optimization programs, case studies and cost benefits. Demonstration of SSAT4, the joint product between KBC Advanced Technologies and DOE.***

## **Lawrence Berkeley National Laboratory**

Booth No: 20

Donald Foster  
1 Cyclotron Road, MS 46R0125  
Berkeley, CA 94720-8202  
Phone: 510-486-6175 Fax: 510-486-6668 E-mail: DGFoster@lbl.gov

***Lawrence Berkeley National Lab will be presenting our industrial technology development in the areas of improved combustion systems, emissions reductions and measurements, process sensors and control systems and process and equipment monitoring techniques.***

# SHOWCASE EXHIBITORS

## **Lightridge Resources, LLC**

Booth No: 46

David Case

1111 North Loop West, Suite 200

Houston, TX 77008

Phone: 713-862-0202, ext. 240 Fax: 713-862-0211 E-mail: david.case@lightridgeresources.com

*Lightridge Resources provides software and services to minimize steam/fuel/power and water use.*

**Software Includes:**

**PE-Advisor- Operation optimization software (energy and utilities)**

**PE-Hydrogen- Hydrogen management**

**PE-Water- Water system management**

## **Membrane Technology and Research**

Booth No: 16

Hans Wijmans

1360 Willow Road

Menlo Park, CA 94025

Phone: 650-328-2228, ext 118 Fax: 650-328-6580 E-mail: wijmans@mtrinc.com

Web: www.mtrinc.com

*Membrane-based separation technology for the recovery of valuable hydrocarbon vapors such as propylene, ethylene and vinyl chloride from petrochemical purge and waste streams.*

## **MTI - Materials Technology Institute**

Booth No: 57

Emory Ford, Associate Director

364 Spring Street

Florence, MA 01062

Phone: 413-584-0512 Fax: 413-586-3831 E-mail: eaford@attbi.com

*MTI provides leadership in materials technology for chemical processing to improve reliability, profitability, and safety.*

## **North American Manufacturing Company**

Booth No: 05

Luke Elliff

PO Box 5124

Katy, TX 77491-5124

Phone: 281-681-1231 Fax: 281-296-6462 E-mail: lukeelliff@namfg.com

*The technologies to be exhibited are Ultra Low NOx burner systems. The systems utilize a lean premix burner platform, fuel injection technologies, and a rapid response control system.*

## **Omni Tech International, Ltd.**

Booth No: 15

Roger Daniels

1111 Katy Freeway, Suite 910

Houston, TX 77079

Phone: 713-973-5780 Fax: 713-973-5781 E-mail: otihou@concentric.net

*Technical and Business Consulting including process technology for improving energy and environmental performance in the CPI and related industries.*

# SHOWCASE EXHIBITORS

## **Packinox, Inc.**

Booth No: 49

Francois Reverdy  
3033 Chimney Roack Rd. Suite 430  
Houston, TX 77056  
Phone: 713-840-1151 Fax: 713-840-1165 E-mail: freverdy@packinoxinc.com

***Packinox's technology minimizes air emissions from catalytic processes in the Hydrocarbon Processing Industry (HPI) using efficient plate-and-shell heat exchangers (PSHE) to recycle more waste heat.***

## **PDC Process Design Center, Inc.**

Booth No: 52

Gerhard Schembecker  
5266 Hollister Avenue, Suite 111  
Santa Barbara, CA 93111  
Phone: 805-683-6585 Fax: 805-683-6586 E-mail: schembecker@process-design-center.com

***Consulting services of almost any chemical process in the industry. Techniques generate process alternatives combining the optimal chemical reactor and separation sequence.***

## **Peerless Mfg. Co.**

Booth No: A

Sean McMenamin  
2819 Walnut Hill Lane  
Dallas, TX 75229  
Phone: 214-353-0003 x205 Fax: 214-353-8755 E-mail: smcmenamin@peerlessmfg.com

***Design, manufacture and supply of mechanical equipment for NOx, CO and VOC emissions reduction along with services supporting the evaluation of NOx emitting systems and turn-key project execution capabilities.***

## **Praxair, Inc.**

Booth No: 22

John Fogarty, Jr.  
222 Pennbriht Dr., Suite 300  
Houston, TX 77090  
Phone: 281-872-2712 Fax: 281-872-2242 E-mail: john\_fogarty@praxair.com

### ***Technologies exhibited:***

- (1) Oxy-Fuel Combustion for Enhanced Process Heater Operation***
- (2) Optimizing Refinery Hydrogen and Energy Systems through Integration of Gas Separation and Hydrogen Production Systems***
- (3) High Purity Oxygen for Wastewater Aeration***

## **RCD Engineering**

Booth No: 37

Peter Tung  
63 Templer Drive  
Ancaster, ON L9G 3X7  
Phone: 905-648-3277 Fax: 905-648-3277 E-mail: winwell@sympatico.ca

***Staged Heat and Mass Transfer technology concentrates purge gases while retaining steam. The design drastically lowers the amount of steam required to vent out the oxygen and carbon dioxide.***



# SHOWCASE EXHIBITORS

## **Richards Industries Valve Group**

Booth No: D

Tina Bowen  
3170 Wasson Road  
Cincinnati, OH 45209  
Phone: 513-533-5600 Fax: 513-871-0105 E-mail: tbowen@richardsind.com

***Presenting the SMARTWATCH SYSTEM which is a continuous leak detection system. It is designed to help eliminate gas leakage and steam leakage.***

## **Rockwell Automation**

Booth No: 1 - 2

Linda Frost  
6040 Ponders Ct.  
Greenville, SC 29615  
Phone: 864-281-2401 Fax: 864-281-2433 E-mail: llfrost@powersystems.rockwell.com

***Rockwell Automation will show the Motor Efficiency Wizard. Without disconnecting motors from the load, the MEW identifies which motors are inefficient and need to be replaced.***

## **Sandia National Lab**

Booth No: 51

Jim Wilhelm  
Business Development & Technology Transfer  
P.O. Box 969 MS 9054  
7011 East Avenue  
Livermore, CA 94551-0969  
Phone: 925-294-3673 Fax: 925-294-2276 E-mail: jpwilhe@sandia.gov  
Website: www.ca.sandia.gov

***Hydrocarbon Gas Imager to Save Energy and Reduce Environmental Compliance Costs. Hydrocarbon gas leaks can be "seen" with a new generation of leak detectors developed by DOE's Sandia National Laboratories for the petroleum, petrochemical and gas industries. API's Smart Leak Detection and Repair (LDAR) committee and the EPA are very interested in this development. Industry expects to save money by using the portable Backscatter Absorption Gas Imaging (BAGI) instrument to detect fugitive hydrocarbon gas leaks and to substitute for the labor- and time-intensive EPA Method 21.***

## **South Texas Section of the American Institute of Chemical Engineers**

Booth No: 58

Dennis Griffith  
8444 Winningham  
Houston, TX 77055-7532  
Phone: 281-575-4582 Fax: 713-465-6914 E-mail: dennis.griffith@halliburton.com

***An education display about the profession of Chemical Engineering. Information will be provided about the activities of the STS-AIChE and membership in the organization.***

# SHOWCASE EXHIBITORS

## **Spirax Sarco, Inc.**

**Booth No: 53**

Max George  
203 Georgia Ave.  
Deer Park, TX 77536  
Phone: 281-478-4002 Fax: 281-478-4615 E-mail: mgeorge@spirax.com

***Fluid control specialties including steam traps.***

## **Texas A&M University Industrial Assessment Center**

**Booth No: 33**

James Eggebrecht  
Energy Systems Lab, TX Engineering Exper. Station  
College Station, TX 77843-3581  
Phone: 979-845-1508 Fax: 979-862-8687 E-mail: jim@esl.tamu.edu

***Visitors will learn of the services provided by the national Industrial Assessment Center (IAC) program and the Texas IAC. Provided are assessments and evaluations of a manufacturing plant's operations, reviewing their energy, waste, and productivity.***

## **Texas Commission on Environmental Quality (TCEQ)**

**Booth No: 26**

Ken Zarker  
MC-112, PO Box 13087  
Austin, TX 78711-3087  
Phone: 512-239-3145 Fax: 512-239-3165 E-mail: kzarker@tceq.state.tx.us

***The TCEQ strives to protect Texas' human and natural resources consistent with sustainable economic development while achieving clean air, clean water, and the safe management of waste.***

## **Texas Steam Equipment**

**Booth No: 23**

Larry Jennings  
1413 Brittmoore Road  
Houston, TX 77043  
Phone: 713-464-9055 Fax: 713-464-1960 E-mail: ljennings@steamsolutions.com

***Predictive and preventative maintenance methodologies designed to reduce energy costs through steam trap and steam leak surveys, energy audits, proper steam/electric heat tracing and insulation.***

## **Texas Technology Showcase Plants**

**Booth No: 56**

Kathey Ferland  
10100 Burnet Rd. CEER R-7100  
Austin, TX 78758  
Phone: 512-232-4823 Fax: 512-471-1720 E-mail: kferland@mail.utexas.edu

***Pick up Tour Books and Case Studies for the Showcase plants.***

# SHOWCASE EXHIBITORS

## **The Wind Turbine Company**

**Booth No: 07**

Larry Miles  
1261 120th Ave NE  
Bellevue, WA 98005  
Phone: 425-637-1470 Fax: 425-637-1483 E-mail: mileslw@windturbinecompany.com

***The Wind Turbine Company promises to lower the cost of wind generated electricity by approximately 25-30% driving the unsubsidized cost to 3.0 cents/kWH or less, making wind energy commercially viable for the first time.***

## **TLV CORPORATION**

**Booth No: 19**

Steve Garrett  
13901 South Lakes Dr.  
Charlotte, NC 28273  
Phone: 281-705-3688 Fax: 704-583-1610 E-mail: sgarrett@tlvengineering.com

***TrapMan and TrapManager steamtrap instruments and software will be exhibited. The system contains a unique free float design that allows for more efficient operation and longer life.***

## **Trinity Consultants**

**Booth No: 24**

Christina Ridge  
2700 Post Oak Blvd., Ste 2700  
Houston, TX 77056  
Phone: 713-552-1371, Ext. 210 Fax: 713-552-1374 E-mail: cridge@trinityconsultants.com

***Trinity consultants provide for clients who need assistance in the areas of environmental management systems, sustainable development initiatives and planning, and green house gas inventories.***

## **Tru-Tec Services, Inc.**

**Booth No: 09**

Randy Crawford  
11005 W. Fairmont Pkwy  
LaPorte, TX 77571  
Phone: 281-471-8970 Fax: 281-471-8607 E-mail: m.bletsch@tru-tech.com  
Toll Free: 800-288-8970 Web: www.tru-tec.com

***Tru-Tec Services, Inc. provides distillation column scans, CAT-scans, FCCU Diagnostics, infrared thermography, high-voltage electrical equipment inspections, partial discharge analysis and more.***

## **U.S. Department of Energy, BestPractices**

**Booth No: 48**

Fred Hart  
1000 Independence Ave., SW  
Washington, DC 20585  
Phone: 202-586-1496 Fax: 202-586-6507 E-mail: fred.hart@ee.doe.gov

***This booth will display samplings of the Office of Industrial Technology Program Best Practices technical support programs, information, and tools. DOE Staff manning the booth will be available to answer your questions. Many tools will be demonstrated by our staff.***

# SHOWCASE EXHIBITORS

## U.S. Department of Energy, Energy Efficiency and Renewable Energy

Booth No: 63

Sandy Glatt

1617 Cole Blvd., MS-1521

Golden, CO 80401

Phone: 303-275-4857 Fax: 303-275-4830 E-mail: sandy.glatt@ee.doe.gov

***Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.***

## U.S. Department of Energy, Inventions & Innovation

Booth No: 62

Rolf Butters

1000 Independence Ave SW

Washington, DC 20585-0121

Phone: 202-586-0984 Fax: 202-586-9234 E-mail: rolf.butters@ee.doe.gov

***Emissions reductions and productivity in the petrochemical industries.***

## UOP

Booth No: 10

Robert Brendel

Box 5017, 25 E. Algonquin Rd.

Des Plaines, IL 60017-5017

Phone: 847-391-1461 Fax: 847-391-2253 E-mail: rjbrende@uop.com

Web: www.uop.com

***UOP offers energy audits to improve efficiency, creates site-wide energy awareness programs. The e-Trak will be presented, which monitors energy performance in fine granularity with customized targets.***

## Value Recovery, Inc.

Booth No: 30

Peter Joyce

510 Heron Dr., Suite 301

Bridgeport, NJ 08014

Phone: 856-467-6316 Fax: 856-467-6317 E-mail: joyce@ptcvalue.com

***Showcased is the application of Phase Transfer Catalysis (PTC) to recovering byproducts from either dilute water streams and/or from organic streams and converting these byproducts into salable products.***

## VEETech, PC

Booth No: 40

Veronica Breckheimer

1240 SE Maynard Rd., Suite 203

Cary, NC 27511

Phone: 919-388-0037 Fax: 919-388-0038 E-mail: veronica.veetechpc.com

***BIOSORPTION is an advanced form of the Biofiltration Technology which utilizes the combined principles of gas/vapor sorption and concurrent aerobic microbial Biodegradation in one step unit operation.***

# SHOWCASE EXHIBITORS

## **Waste Heat Systems**

Booth No: E

Gary Beck

4119 Dumbarton St.

Houston, TX 77025

Phone: 713-530-1950 Fax: 832-201-5338 E-mail: gbeck@wasteheat.com

***Integrally geared twin steam turbine genset + condensate heat energy recovery system. This will be presented as scenario for replacement for two steam pressure expansion valves operating at two different pressure levels. Use of twin steam turbine allows low capital cost but with efficiency only slightly below expensive multistage steam turbines. Use of steam condensate heat recovery is an option to provide process refrigeration as 43F chilled water. All energy is free since it is coming from otherwise free-expanded steam.***