

Consultant

A PUBLICATION OF HEATH CONSULTANTS

Reynolds Equipment Company Now Under Heath Umbrella

Heath Consultants Incorporated announced the purchase of substantially all the assets of Reynolds Equipment Company, a leading manufacturer of gas measurement equipment to the natural gas industry.

Reynolds Equipment Company is a manufacturer of mechanical pressure chart recorders, electronic chart recorders and correctors for use in field measurement for natural gas distribution, transmission and gathering applications.

Paul D. Wehnert, VP Sales and Marketing had this to say about Reynolds, "Heath was looking to maximize our efforts and, increase our manufacturing abilities with a product line that

would complement our current line of products. Reynolds had over forty years in business with an excellent reputation in measurement for the gas gathering, transmission and distribution markets.

Since Heath already markets to the utility industry and has a market presence in the measurement sector throughout the United States we viewed Reynolds as a great opportunity to offer additional products and field solutions for our current customer base as well as bring on some additional customers in the gas gathering field."

For more information on Reynolds products call 1-800-775-3424.

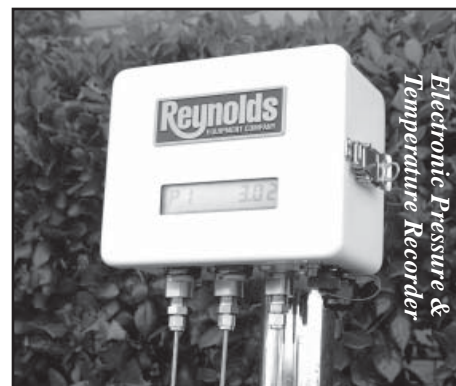
Heath Teams with Itron and Public Works and Engineering On Automatic Meter Reading (AMR) Project

In January of 2008, Heath Consultants began working with Itron, Inc. and the City of Houston's Department of Public Works and Engineering, Utility Customer Service (UCS) Branch to replace 183,000 encoder



receiver transmitters (ERTs) units. The ERTs are used to collect and disseminate data from the water meter which allows the utility to streamline the collection of large amounts of data and eliminate manual data entry errors. Accurate consumption data, data integrity, operational efficiency, and enhanced measurement capabilities means fewer estimated water bills, added operational efficiency and superior customer service.

"Each morning twenty (20) of our technicians arrive at UCS' facility to stock up on supplies, receive an Itron hand-held computer unit, and to receive their service routes for the day," said **Lawrence Lognion**, Project Manager for Heath Consultants. "The technicians carry bins of ERT, ERT



mounting hardware, registers, and different types of lids for the water meter boxes."

Once the new ERT is installed, the technician re-programs the unit using an Itron FC200 unit, troubleshoots the system for errors, calibrates the ERT, and performs a flow test.

Utility Customer Service uses a 21 day meter reading cycle which means any number of required ERT replacements within the cycle must be completed during a three day window. At the end of the day the Technicians meet with the Project Manager or Crew Leader for inventory reconciliation and to turn in the Itron unit. The units are then downloaded into UCS' operating system and reloaded for the next day's route.

Heath Professional Services Division Expands CDM Work in Central Asia

In June, 2008 Heath's Professional Services team completed a CDM (Clean Development Mechanism) feasibility study with the Masdar Future Energy Company for the Uzbekneftegas/Fergana Gas Company in the Fergana Valley region of Uzbekistan in Central Asia. The gas companies there will soon acquire our technologies and equipment in order to move forward and to reduce their methane emissions in hopes of qualifying for carbon credits through the efforts of the Kyoto Protocol Agreement.

The Masdar Group is headquartered in Abu Dhabi, United Arab Emirates and is using the carbon credit market to help fund the building of a zero carbon footprint city called Masdar just outside Abu Dhabi, UAE. This will be a clean energy city with no vehicles allowed and will accommodate approximately 50,000 people.

The Fergana Valley region of Uzbekistan covers approximately 17,000 square kilometers and is a very fertile agricultural area. It encompasses one of their largest oil and gas regions in the country. The survey work included a baseline study to establish the leak rates of their natural gas distribution system in the Fergana City Region, the Andijon Region and the Namangan Region of the Fergana Valley in Northeastern Uzbekistan. This system serves over 500,000 natural gas customers and has over 14,000 kilometers of pipeline.

The project team consisted of **Joe Latour** and **Milton W. Heath III** who both used a combination of advanced technologies in order to detect and quantify fugitive methane emissions. Two of the primary instruments which contributed to the successful completion of leak screening and measurement were the Heath Gasurveyor and Hi Flow Sampler. The sites selected for this study in the Fergana distribution system consisted of regulator stations, boxes, cabinets and stand-alone valve stations.

Although the daytime temperatures were grueling (in excess of 100 degrees Fahrenheit each day), the countryside was very beautiful and the people very friendly and accommodating. The Uzbekistan/Masdar survey was our third project this year in the Central Asian region. Our first was in Kyrgyzstan, then the Georgian Republic and finally Uzbekistan. We are looking forward to continued work in the area with the former Soviet Satellite countries and expanding our relationship with the Masdar Future Energy Company.



HEATH SHOWCASES NEW TECHNOLOGIES

Heath Consultants Incorporated was recently invited to participate in GASTECH 2008, a major event in the LNG and Natural Gas industries. GASTECH 2008 was held in Bangkok, Thailand, and attracted more than 11,500 delegates from over 50 countries.

Timothy G. Brown, Director of International Services, was kept quite busy during the event explaining the features and advantages of the Remote Methane Leak Detector (RMLD), the Optical Methane Detector (OMD) and

the DP-IR infrared gas leak detector.

Brown said, "We were invited to do a Poster Session which lasted for three days. At times, there were 4 or 5 people in line, reviewing our literature and waiting to ask questions about various types of applications of our instruments. In addition to the posters, I brought hundreds of informational packages with me. By the time the Poster Session ended, I only had 2 packages left."

Tim Brown (right) explains the advantages of the RMLD to a gas company manager.



GASTECH2008



Charles Heath 1912 - 2008

At the age of 96 Charles “Pete” Heath co-founder of New England Forestry Service, Inc. (predecessor to Heath Consultants Incorporated) passed away after an extended illness. Charles Heath was heavily involved in the development of several gas leak technologies employed by Heath throughout the years. He also had a very successful career as the owner of the first snowmobile franchise in Michigan.

Charles Heath was a talented musician who enjoyed fishing, traveling, antique boats, spending winters in Florida but was probably best known for his constant inventions including “Toaster Tongs” which he joyfully gave out to everyone he met, including restaurant servers.

Charles Heath was a member of the Richmond Volunteer Fire Department, National Bank of Richmond Board of Directors, the First Richmond Good Old Days Committee, Chamber of Commerce, Chairman of Richmond Public Library, Chairman and President of Heath International Inc.

Heath Donation Leads to Quality Training

In the early part of July of this year, Heath Consultants donated a GDU (an automatic maintenance, calibration and record keeping system) to the Leak City training facility in Athens, Alabama. Heath employees **Doug Ginn** and **Mike Koby** spent two days at the facility with representatives Steve Carter and Barry Kennemer training



Barry Kennemer pictured with GMI-GDU unit at the Leak City training facility in Athens, Alabama.

them on the use of the GMI-GDU system that will be permanently mounted on-site to maintain a fleet of combustible gas indicators (CGIs). Leak City is a state of the art training

facility for natural gas operators. The system was put to the test September 7-11 of this year, during the Annual Fall Workshop at Leak City which attracted over 200 participants.

Heath Employee Rounds Up Award

Heath employee **Rachel Boyd**, of Chattanooga, TN, was recently awarded the 1st place award at the International Utility Locate Rodeo in Atlanta, GA. Rachel, a Chattanooga Field Technician for over eight years used the skills and equipment she utilizes every day at Heath to claim top honors at the preeminent event in the utility locate industry. The contest requires competitors to locate facilities on several challenging courses while under strict time constraints. A score is then generated using the accuracy of measurements, total time elapsed, and any deduction of points caused by safety infractions. Rachel, a top producer in her project, had no trouble defeating some of the top competitors in the country.



This year’s competition was held on August 2 at the Emory University campus in Atlanta, and was hosted by the Georgia Utilities Protection Center (UPC) and the National Utility Locate Contractors Association (NULCA). Congratulations Rachel!

Visit the new Heath website at www.heathus.com

Stillwagon Celebrates Career of Excellence

Jack Stillwagon, Technical/Investigative Services Specialist celebrates his 40th year with Heath. Jack has held many positions in his lengthy career including Field Consultant, Area Coordinator, and Area Manager.



Jack Stillwagon (left) receives an award from Ken Cowher in honor of 40 years of Heath employment.

According to **Ken Cowher**, Director of Services, Jack is the consummate traveling field technician. "Jack has been willing to go anywhere, and do anything during his 40 years on the job. Whether it has meant surveying gas lines in the crawl space of a New Jersey Housing Authority building, inside of a Federal Penitentiary with a convicted inmate as a guide, or traveling to Johannesburg, South Africa to spend the Thanksgiving holiday working on a gas system that was filled with water, Jack has been willing to step up to the task."

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The New T.ex Single Gas Detector: Excelling In Harsh Environments

Heath is pleased to announce the release of a single gas detector. The T.ex instrument is available in Oxygen, Carbon Monoxide, Hydrogen Sulfide, Chlorine, and Sulphur Dioxide versions.

The T.ex is durable and compact with single button operation. Visual LEDs, ultra-loud alarm and internal vibration ensures safety in any environment.

The T.ex Bump Test Station provides quick verification that instruments are operating correctly. Designed for companies that use large volumes of instruments, the Bump Test Station is said to be economical on gas use and time.

For more information please download a brochure at www.heathus.com.



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