



# ENERGY INTERNATIONAL QUARTERLY

OCTOBER 2010

## In This Issue

### ■ NEWS

Proklima and Rittling join the EIC product line-up • Portable Diesel Power Generators • 2010 International Export Council Conference

### ■ PROJECTS

Al Wakra Hospital: Creating a healthy environment.

### ■ FEATURES

Manufacturing Excellence: Energy Industrial Corp.

A Need for Speed: Al Anabi Racing

### ■ PEOPLE

Profile: John Peter.  
Communications Coordinator

### ■ TECHNOLOGY

ETL vs UL. There's more than one way to make top marks in U.S. safety standards.

EIC Quarterly is published four times a year by and for the employees of Energy International Corporation and their friends and associates in the business. All inquiries should be sent to: [jpeter@energyintl.com](mailto:jpeter@energyintl.com).  
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## Letter from the President • Allie Bazzy

**W**elcome to the second issue of the Energy International Quarterly newsletter.

As you can see by the content in this issue, Energy International is involved in a number of major projects through out the Middle East and, now, in North Africa with bidding on projects in Egypt, Algeria and Ghana.

It doesn't seem that long ago that Ned, Ahmed, Alex and I were working out of a small office in Southfield, Michigan. We have witnessed EIC grow from a small export business to become the prominent international company it is today.

With that growth comes the need to change.

As many of you already know, we have made changes in the way we submit and process quote inquiries. These changes are the first steps in the institution of a new system designed to help us to better serve our current, and future customers. It will also allow us to gather the necessary information to help us better understand current and future markets.

We thank you all for your diligence as we tackle these changes and promise to keep you updated on our progress.

Enjoy the September issue. In January we'll profile EI's Renewable Energy division and have plenty more good things to report. ■

## Be A Part of the Energy International Quarterly

The EIC Quarterly is designed to keep everyone at Energy International informed about the happenings at EIC, from the acquisition of multi-million dollar contracts to the latest additions to the EIC family. We need your participation to help make it a success. If it's of interest to you, it's of interest to us. We'd also like to know what you think about the newsletter content and format and how we can make it better. Send all your news, information, thoughts and ideas to me at [jpeter@energyintl.com](mailto:jpeter@energyintl.com). I look forward to hearing from you.



### PRO-KLIMA Signs Exclusive Agreement with EIC

*EIC to represent PRO-KLIMA products in Middle East markets*

Energy International Corporation has signed an agreement with PRO-KLIMA, a leading manufacturer of industrial ventilation, air-handling and hot-air heating equipment.

Under the terms of the agreement, Energy International will become the sole representative for PRO-KLIMA products in the Middle East region including Qatar, The United Arab Emirates, Lebanon, Jordan and the Kingdom of Saudi Arabia.

"We are very excited about the opportunity to represent PRO-KLIMA products in the Middle East," said Allie Bazy, President, Energy International Corporation. "PRO-KLIMA demonstrates the qualities that we look for in a world-class manufacturing partner. The addition of PRO-KLIMA to the EIC line-up will allow us to broaden our product offerings which will serve to benefit our many valued customers."

PRO-KLIMA comes with more than 40 years of experience in the HVAC industry. Headquartered in Zagreb, Croatia, the company specializes in large industrial HVAC installations and has been involved in a number of projects throughout Eastern Europe including luxury hotels, shopping

centers, power plants and hospitals.

Their product portfolio lists several specialties such as an air-handling system designed for indoor swimming pool facilities and other indoor areas with high

humidity content, and hygienic air-handling units that provide clean,

conditioned air for clean rooms, operating rooms, laboratories and pharmaceutical and electronic facilities.

"We are looking forward to establishing a lasting and fruitful partnership with Energy International Corporation," said Fedor Dürriegl, Foreign Sales Executive, PRO-KLIMA. "We have enjoyed our status as Croatia's number one manufacturer of ventilation and air-conditioning all these years. With the assistance of EIC, we can now demonstrate our world-class capabilities to the rest of the world."

Additional information on PRO-KLIMA products is available by contacting any local Energy International Corporation sales office. Contact information can be found on the company's Web site [www.energyintl.com](http://www.energyintl.com) or by sending an e-mail to [info@energyintl.com](mailto:info@energyintl.com). ■

*PRO-KLIMA comes with more than 40 years of experience in the HVAC industry. Headquartered in Zagreb, Croatia, the company specializes in large industrial HVAC installations and has been involved in a number of projects throughout Eastern Europe.*

### EIC To Participate in the 2010 International Export Council Conference

Energy International Corporation will participate in the 2010 International District Export Council Conference to be held in Detroit, Michigan, October 24 - 27, 2010 at the Marriott Renaissance Center in the heart of the city.

This year's conference, titled *Capitalizing on America's Export Advantages: Green and Innovation* will feature world-renowned businesspersons and high-level government officials. The conference, billed as the largest conference devoted to exporting, is expected to attract more than 500 attendees from the U.S. and Canada.

Along with seminars and guest speakers, the conference will feature technical presentations from leading-edge companies, an opportunity to meet with a number of Canadian businesses, a tour of The Ambassador Bridge and the Ford Motor Company Rouge Vehicle Assembly Plant.

Energy International Corporation will be present with a booth display and on-site personnel to answer questions and to promote the benefits offered by to companies wishing to do business in the Middle East. ■



# EIC NEWS

The Latest News

## Hydro-Air Chosen as Preferred EIC Manufacturer

*Hydro-Air's Rittling fan coils join the EIC product line-up as preferred equipment*

In a strategic move to further expand an impressive product line and continue to provide customers with the finest-quality U.S.-built, HVAC and electromechanical equipment, Energy International is excited to announce the addition of Rittling fan coil units and heating and cooling equipment to the EIC product portfolio.

Rittling products are manufactured by Hydro-Air Components Inc. of Buffalo, New York, one of 14 global manufacturing facilities that are part of the Zehnder Group, headquartered in Granichen, Switzerland.

"Energy International prides itself on offering our customers the latest in top-quality HVAC equipment," said

Allie Bazzy, President, Energy International Corporation.

"Combining innovative German engineering and design with state-of-the-art U.S. manufacturing delivers a product that easily measures up to our standards."

Based in Western New York, Hydro-Air manufactures a large selection of hydronic heating and cooling equipment offering hundreds of models for all commercial, industrial and institutional heating and cooling applications. Along with fan coils,



Hydro-Air manufactures finned tubes, heating system modular enclosures, vertical cabinet heaters, convector comfort heaters, enclosure heaters, ceiling mounted radiant heaters, fan controls and unit heaters.

Hydro-Air's engineering department will also work with Energy International to design and build custom components and solutions to meet specific customer requirements.

Additional information on Hydro-Air and the Rittling product line is available by visiting their Web site at [www.rittling.com](http://www.rittling.com). ■

## People News

### EIC Expands its U.S. Headquarters Engineering Staff



Ryan Follick

Please join us in welcoming Ryan Follick to the Energy International Corporation family. Ryan joins EIC as an estimating engineer in the U.S. office in Canton, Mich. He will be working with Ashraf Putris and Chris Morin providing technical support and quoting product for EIC's global sales offices and agencies.

Ryan is a graduate of Ferris State University in Big Rapids, Mich. and is working on the final year of his Bachelor's degree in HVAC-R engineering. Ryan is a member of

the American Society of Heating, Refrigeration and Air Conditioning and has held numerous chair positions as a member of the National Fraternity of Alpha Chi Rho.

As part of his education curriculum Ryan designed a complete HVAC system for the Denver Center for the Performing Arts, the largest tenant of the Denver Performing Arts Complex, a four-block, 49,000 sq-meter site containing ten performance spaces with over 10,000 seats. ■



# EIC NEWS

The Latest News

## Energy On Demand

*Energy International Corporation now offers Portable Power Generation*

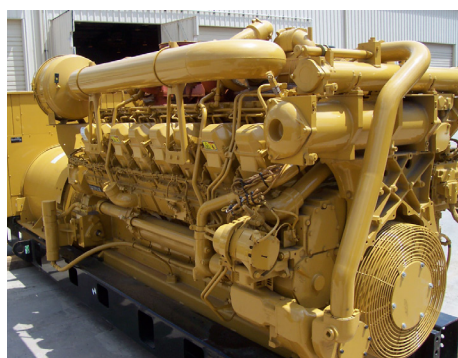
Energy International Corporation brings the energy to you with the addition of portable diesel power generation to an already impressive lineup of world-class products.

"EIC portable diesel power modules are designed to deliver the power whenever and wherever you need it," said Abbas Youssef, director of renewable energy. "As always, Energy International Corporation has teamed up with the leader in portable power generation to bring you affordable portable power solutions that are engineered to deliver unmatched flexibility, expandability and reliability."

EIC Portable Power Modules utility grade power units are manufactured in the U.S. and built to last. Mounted on sturdy, three-axle chassis and enclosed in a weatherproof, sound-attenuated, 40-foot container. EIC Portable Power Modules power generation capacity ranges from 500kW to 2,000kW (2 Mega Watts). The two-Megawatt system produces enough electrical energy to power 2,000 family homes.

"Portable Power Generators are an important component in any serious contractor's tool kit," said Youssef. "They not only supply ample energy where it isn't readily available, but can also serve as backup or reserve power when needed."

The heart of the system is the Caterpillar SR4, 50/60 Hz, 380/480-volt, three-phase generator set designed to meet power requirements in Middle East markets. The CAT generator is



supported by an impressive list of features including a CAT VR6 voltage regulator, Basler GPS100 generator protection relay, Woodward GCP-30 auto-synchronizer and load controller and a 3,200 amp circuit breaker.

The Caterpillar 3516B diesel engine delivers consistent performance in a lightweight, fuel-efficient package. Designed to run on heavy fuel oil (HFO) the engine comes equipped with a new GT exhaust, pancake-style muffler and General Thermal-Dynamics horizontal discharge radiator.

The system also features a premium

EIC portable power generators are mounted on sturdy three-axle chassis that can be custom-painted to match the rest of your fleet. Power is generated by a reliable Caterpillar 3516B diesel engine (left).

CAT EMCP control panel, auto start stop, engine safety system, CAT utility grade type switchgear, 24-volt starter, 35-amp alternator, jacket water heater and a 1,250 gallon fuel tank with fuel transfer and Raycor three-stage fuel filter system.

All Energy International Portable Diesel Power Generators are sold new from zero-hour inventory and are shipped from the U.S. with a full Caterpillar warranty plus a 5-year Platinum CAT Extended Service Coverage (ESC) plan with zero deductible. EIC Portable Power Generators can even be custom-painted to match the rest of your fleet.

For additional information on Energy International Portable Power Generators, contact Abbas Youssef at +734-454-8833 or via e-mail at [ayoussef@energyintl.com](mailto:ayoussef@energyintl.com). ■



# PROJECT NEWS

Al Wakra Hospital, Doha, Qatar

## Creating a Healthy Environment

*Al Wakra Hospital benefits from the expertise of Energy International*

When the doors of the Al Wakra Hospital in Qatar open to the public in the first quarter of 2011, Energy International employees can be proud of the investment they have made in this new state-of-the-art medical facility.

As the project is taking shape, EIC has already contributed more than \$4 million (USD) in products and equipment sourced from more than 30 manufacturers. Those numbers are sure to increase as the project moves along.

"The Al Wakra hospital project is a testament to what Energy International Corporation is all about," said Allie Bazy, President, Energy International Corporation. "EIC is truly your single-source engineering provider, delivering top-quality HVAC and electromechanical equipment to meet or surpass any need."

The \$750 million (USD) hospital is being built on a 128,000 square-meter plot south of Al Wakra City, providing medical services to the growing needs of those living in the southern areas of Qatar including the industrial area of Mesaied, easing the burden of the Hamad General Hospital in Doha.

The medical complex centers around a seven-story main structure with 321 beds, providing state of the art medical and surgical services including major surgical facilities, a burn unit, intensive care unit, an emergency area, a dental care clinic, an obstetrics unit, a gynecology unit and a children's ward, as well as a specialist neonatal unit. The



This architectural model illustrates the Al Wakra hospital complex with numerous outbuildings surround a seven-story central structure. The hospital will provide services to residents living in the southern areas of Qatar.

building will also house laboratories, pharmacies, diagnostic radiology units, administrative departments, a conference room and nurses housing.

The surrounding complex will support outpatient care services, cafeterias for staff and visitors, engineering and maintenance workshops, warehouses, a bank, a helipad and a parking structure designed to accommodate parking for 650 staff and 1,000 patients and visitors.

EIC's HVAC and Industrial division was instrumental in the design, installation,

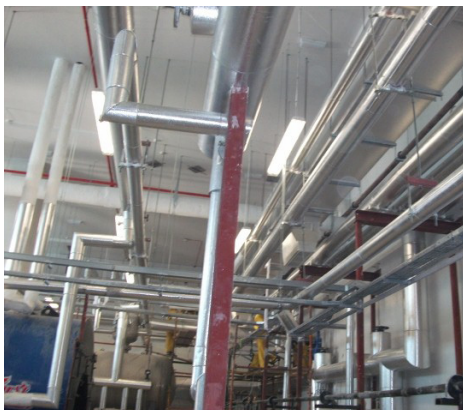
commissioning and testing of the hospital's massive steam boiler system. Three high-pressure, 150 PSI, 400 BHP, boilers will feed a complex maze of more than 5,000 feet of piping snaking over bridges and through walls to provide steam throughout the entire complex.

"There aren't many contractors in Qatar that would take on a project of this size," said Bazy. "We have proven that we have the experience and knowhow to tackle such a big a job and get it done right."



# PROJECT NEWS

Al Wakra Hospital, Doha, Qatar



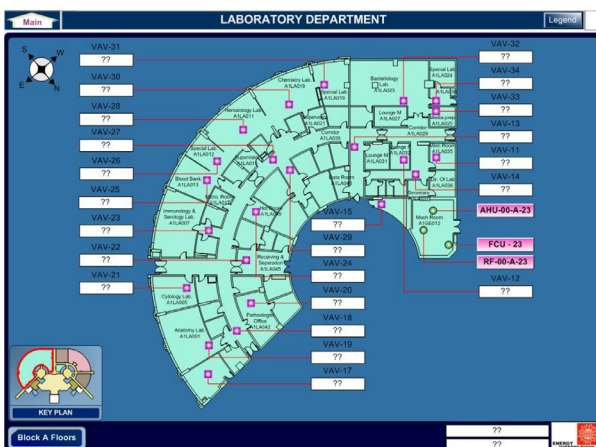
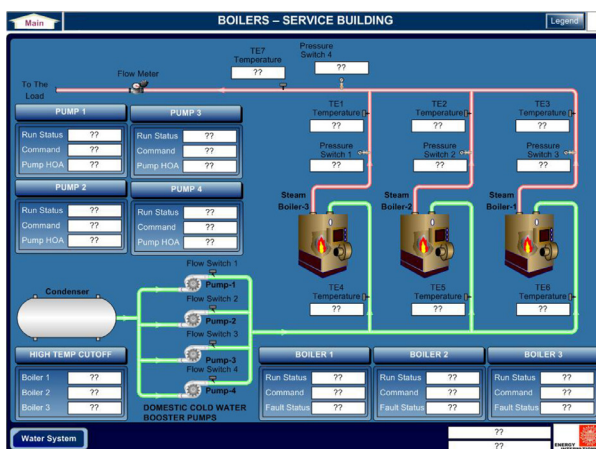
Workers (right) install some of the 5,000 feet of piping that connects the four large steam boilers to the rest of the hospital. (Above) a veritable maze of piping delivers steam to every part of the massive complex.



Energy International's Building Management Systems division is handling the design, engineering, supply of materials, supervision of installation, testing, commissioning and handover of a comprehensive building management system.

The complex network of electronic and electromechanical sensors will provide around-the-clock monitoring of the hospital's HVAC, electrical and plumbing systems. Technicians will monitor the systems in real-time via a network of computer displays, to ensure smooth, uninterrupted operation. EIC will also install a system designed to monitor the use and distribution of medical gases such as oxygen and nitrogen.

Along with the boilers and building management system, EIC is supplying a number of other components to the construction of the hospital complex including air terminals for the HVAC system and plumbing products including floor drains and interceptors ■



Energy International worked with Johnson Controls to develop the computerized monitoring system that will give maintenance personnel the ability to keep watch over Al Wakra's entire HVAC system. Information is transmitted to the central computer and displayed in real time on a series of computer screens. These graphic samples illustrate just a few of the many screens available to technicians who will be monitoring the systems. The screen at top left is monitoring the main boiler system while the screen below monitors a number of air terminals throughout one section of the multi-building complex.



# PROJECT NEWS

Royal Jordanian Airlines HQ, Amman, Jordan

## The Royal Treatment

*EIC to supply custom VAV boxes for Royal Jordanian Airlines Headquarters*

Energy International Corporation (EIC) has been chosen to supply the variable air valve (VAV) boxes for the third phase of the construction of the new headquarters building for the Royal Jordanian Airlines in Amman, Jordan.

The new headquarters complex, scheduled for completion early in 2011, is being built on a 9,000 sq. m. plot located just to the west of the city. Designed by renowned architectural firm Niels Torp AS of Oslo, Norway, the complex consists of two buildings, a three-story "static" structure and an eight-story "dynamic" structure. The two structures will be connected by a number of elevated crosswalks and share a glass-covered atrium.

As explained by the architect, the southern, or "dynamic" structure will be the signature of the building, resembling the smooth aerodynamics of an airplane with a distinctive façade finished in glass louvers and stone, reflecting a mixture of modern and traditional architecture.

The design of the complex required a special-designed variable air valve (VAV) or air terminal box. VAV units allow for precise control of airflow in large structures, allowing air-conditioning and heating systems, fans and other components to work at optimum efficiency, reducing the number of running hours and saving electricity which reduces operating costs.

Most off-the-shelf single duct VAVs



The future Royal Jordanian Airlines headquarters building, currently under construction in Amman, Jordan consists of two structures connected by a glass atrium and elevated walkways. The design of the southern wing was inspired by the smooth, aerodynamic surfaces of aircraft.

come with a single outlet. The VAV specifications for the Royal Jordanian headquarters job required a single duct VAV with multiple outlets.

Energy International's engineering staff worked with contractor Haddad Contracting Co. and supplier Metalaire, UAE to design and engineer a multi-outlet unit that met the specifics required by the contractor.

The custom solution called for the addition of a multi-outlet plenum box attached to the outlet of the VAV box. To minimize the length of the VAV, which was already equipped with a sound attenuator, the new design integrated the plenum box into the sound attenuator, saving valuable space, without affecting performance.

"The Royal Jordanian Airlines project

is extremely important to EIC Jordan and Energy International in general," said Esam Abu-Zahra, Regional Manager for Energy International's Jordan office. "It's a prime example of the kind of technical expertise and dedication that EIC can bring to any project. Thanks to the cooperation between Dr. Khalaf Haddadin, Nihad Sharabati and Zakariyahj Maswadi of the Haddad Contracting Co., Metalaire and the engineering and manufacturing team at EIC, we were able to take on this challenging and exciting job and deliver results."

The custom-made VAVs will be fabricated and shipped from Energy Industrial Co., EIC's manufacturing facility in Sharjah, UAE, a licensed manufacturer of Metalaire products for the Middle East. ■



# PROJECT NEWS

## EIC to Supply Equipment to the Sidra Medical & Research Center in Qatar



Artist rendition of Sidra medical center.

**E**nergy International Corporation has been chosen to supply professional plumbing products to the construction of the new Sidra Medical & Research Center to be located on grounds of Education City in Doha, Qatar.

Called the Qatar Foundation's landmark healthcare project, The Sidra Medical & Research Center will be an ultra-modern, all-digital, academic medical center designed to the best international standards in health sciences, offering specialty care for women and children in addition to select medical and surgical services for adult men and women.

"Sidra is the future of Qatar and we are proud to be a part of that future," said Allie Bazy, President of Energy International Corporation.

The construction of the Center is being funded by a \$7.9 billion (USD) endowment from the Qatar Foundation. Scheduled to open in 2012, the hospital will initially have 412 beds with plans to expand to 550 beds in a subsequent phase.

EIC has also submitted quotes for a number of other items to the Sidra project including electric heaters, dampers and diffusers. ■

## Future EIC Projects

■ EIC has submitted several quotes to supply equipment and systems to the construction of male and female housing, part of the expansion of Qatar Foundation's Education City. Along with a number of HVAC system components, EIC is also quoting a comprehensive Building Management System and an audio visual system including electronic whiteboards to be mounted outside each student's room. EIC Renewable Energy is proposing complete solar- and wind-powered electrical systems for the buildings.

■ EIC has submitted a quote to supply chilled water pumps to the Bahrain Waterfront Project. The \$1 billion (USD) project, spanning two million square meters of waterfront overlooking the Bahrain Fort, will be comprised of coastal villas, water-view apartments, retail shops, entertainment and office facilities. Energy International has already secured purchase orders for a number of HVAC components for the project.

■ EIC has submitted a quote to supply fans and accessories to the construction of the Al Hassawi Shopping Mall in Dammam, Kingdom of Saudi Arabia. The shopping mall covers 60,000 square-meters in a prime coastal area called Al Shate. The T-shaped structure will house retail shops, entertainment areas, a cinema and a food court and accommodate 2,880 vehicles in the underground and first-floor parking structure.

■ EIC has submitted a selection of quotes to supply boilers and other HVAC equipment to the construction of the Rotana Hotel Tower in Amman, Jordan. When completed, the 66,800 square-meter, five-star hotel will be the tallest building in Jordan.

■ EIC has submitted a quote to supply air distribution equipment to the new Airport City Hospital and Medical Center to be located in the new Airport City near the Kotoka International Airport in Ghana. When completed, the six-story, 150-bed complex will offer a full complement of diagnostic, radiology, laboratory and clinical services as well as telemedicine capabilities with hospitals in Europe, the U.S. and India.

■ EIC has submitted a number of quotes to supply HVAC components, including fans, pumps, air terminals and air conditioning units, to the construction of a new Saudi Aviation Flight Academy located at the Thumamah Airport near Riyadh, Kingdom of Saudi Arabia. The \$80 million (USD), 50,000 square-meter facility will house a training facility with the latest in flight simulation technology along with residential housing and administrative offices. By 2012, the facility is expected to train up to 200 cadets each year.

■ EIC has submitted a quote to supply air terminals to the construction of 45 buildings with accommodations for 1,350 academic staff at the Umm Al-Qura University in Makkah, Kingdom of Saudi Arabia. When completed The new housing complex will include mosques, schools, parks and shopping centers. The project is being financed by the Ministry of Higher Education, ■



# FEATURES

## Manufacturing Excellence

*Energy Industrial Company is building a reputation for quality in the Middle East*

Energy International has always been known as a leading supplier of mechanical and electromechanical equipment to construction contractors in the Middle East. But to many, EIC is also known for its manufacturing prowess.

Energy Industrial Company, the manufacturing division of EIC, located in Sharjah, UAE, was opened in mid 1997 as Energy Penn Ventilation Equip. Ind. LLC, a joint venture between Energy International Corporation and Penn Ventilator Company USA (PennBarry). The name was changed to Energy Industrial Company in 2003.

"The factory was established to provide better service to EIC's customers, offering immediate availability and fast delivery of off-the-shelf items and quicker turnaround of fans and accessories that had to be custom manufactured," said Wissam Fawaz, General Manager.

"Another major advantage of having the factory in the UAE," said Fawaz, "is to provide better customer service to the end users of our products and to have the ability to provide them with on-site, qualified technical support."

The 3,816 square meter plant is equipped with the latest in state-of-the-art metal forming and fabricating machinery ensuring that all products are manufactured according to precise quality standards. Adjacent to the main factory, a 2,415 square-meter warehouse is used to store rolled and sheet metal



State-of-the-art metal forming machinery, like the CNC press brake (left), allow technicians to build precision components. Large fan units are assembled (above) prior to shipment to the job site.

and other raw materials, parts and pieces needed to construct any one of a number of products. The complex also includes on-site living accommodations for the laborers.

Energy Industrial currently employs about 70 people including management, administrative support, technical support, sales and manufacturing technicians.

Energy Industrial is a licensed manufacturer for PennBarry products

in the Middle East. The factory can turn out a broad selection of PennBarry products from large axial fans to smaller in-line fans and ventilators. The factory also manufactures HVCA components such as louvers, air terminal units, dampers and diffusers.

For special-needs projects, CAD operators and metal fabricators are on duty to work with customers to design and build equipment to meet customer's



# FEATURES

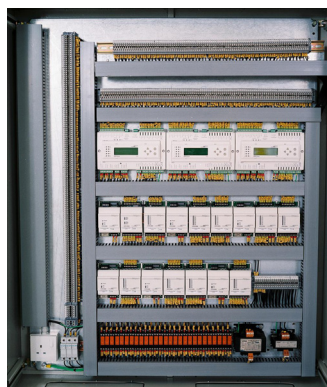
## Energy Industrial Corporation

specifications. Energy Industrial's highly-skilled team can also create special-order items. As an example, the factory recently designed and manufactured an acoustical enclosure for an elevator the office building of Sheikh Mohammed bin Khalifa bin Zayed bin Sultan Al Nahyan – Chairman of the department of Finance, UAE who is also the son of UAE's ruler / President.

The factory is equipped to handle jobs of any size. EIC Industrial has contributed to the construction of such major projects as the Terminal 3 addition to the Dubai International Airport, Abu Dhabi World Trade Center, The Jumeirah Beach Residential Towers, the relocation of the Al Udeid air base in Doha, Qatar, and the construction of the Najran Cement Plant in Southern Kingdom of Saudi Arabia, just to name a few.

The Najran project called for the development of a unique product for plant ventilation. Because of the amount of dust and debris created during the manufacturing process, special exhaust fans were required. Constructed and delivered by Energy Industrial, each fan measured 6.5 meters by 2.5 meters by 2.5 meters and included sand trap louvers, aluminum filters, sound attenuators, back filters and fans and dampers all integrated into one unit.

Wissam Fawaz is General Manager of Energy Industrial and has held the position since joining the company in 2004. He has an extensive engineering background earning a diploma in electronics from the Institute of Applied and Economical Sciences, Beirut, Lebanon. He also holds a Technical Baccalaureate in General Electronics, A Diploma of Higher



The adjacent warehouse (top) stores all the parts and pieces needed to manufacture HVAC equipment. A number of large fans receive some final assembly before shipping (upper right). The factory can fabricate just about anything in metal like the electronic control box (upper left).

Technician – Specialization 'Electronics' and a Technical Bachelor Degree – Specialization 'Electronics – Industrial Elect,' all from the Higher Technical Institute in Lebanon.

"It does seem remarkable that with my background in electronic engineering that I would be running the factory," said Fawaz. "But even though I've been with Energy Industrial for a short period, I feel more confident working with mechanical products than electronics."

Energy Industrial Company's next

venture will be to earn top global accreditation. The group has recently signed a contract with the TUV Group, a global technical inspection agency, to work toward IMS Certification. When completed, Energy Industrial will be certified ISO 9001, a quality management system standard, ISO 14001, an environmental quality management system standard, and OHSAS 18001 an occupational health and safety standard – adding to the list of assets they can offer their customers. ■



# FEATURE

## A Need for Speed

*HH Shiekh Khalid Bin Hamad Al Thani fuels his love of drag racing in the U.S.*

American drag racing fans have a connection to the Middle East that they may not even be aware of.

His Highness Sheikh Khalid Bin Hamad Al Thani, a member of the ruling family in Qatar and second in line to the throne put his money where his heart is, fielding teams in the National Hot Rod Association's (NHRA) elite classes, Top Fuel and Funny Car.

The 22-year-old Al Thani, a professed drag racing enthusiast since the age of 10, had already established the sport of drag racing in Qatar, building a state-of-the-art track in southern Doha. He made the leap into big-time drag racing in 2009, signing legendary crew chief Alan Johnson to run the operation. Johnson brought on veteran drivers Larry Dixon and Del Worsham to pilot the Al Anabi Top Fuel rail dragster and Toyota Solara Funny Car respectively.

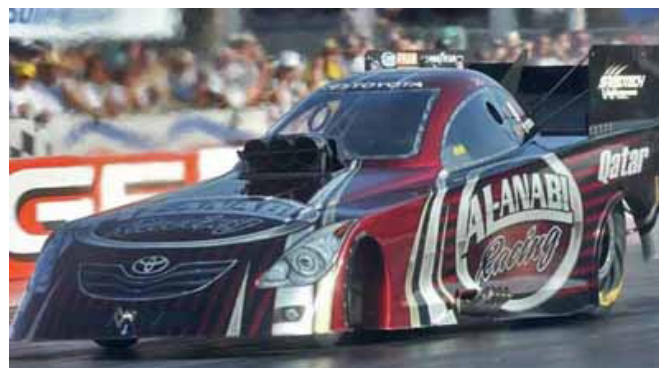
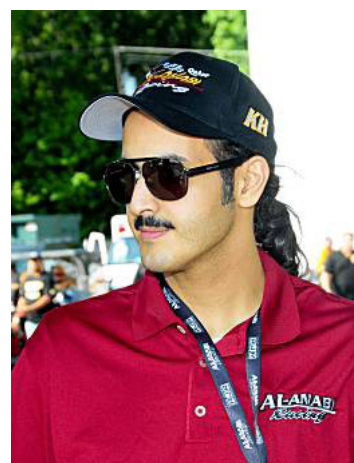
For those unfamiliar with American drag racing, NHRA Top Fuel dragsters and Funny cars are purpose-built racers powered by 8,000 horsepower, 500 cubic-inch (8,194 cc) engines burning nitro-methane.

Top Fuel cars are capable of racing a quarter-mile (402m) in less than 4.5 seconds at speeds over 300 mph, requiring parachutes to assist the brakes in bringing the cars to a stop. Funny Car performance isn't far behind.

Top Fuel cars are built on a tubular chassis with a wheelbase stretching approximately 300 inches. The massive engines are bolted into the chassis behind



HH Sheikh Al Thani (top right) observes the Al Anabi Top Fuel dragster driven by Larry Dixon (above) and the Al Anabi Toyota Funny Car driven by Del Worsham (right) as they power down the quarter mile. The Al Anabi Top Fuel car is on its way to an NHRA Championship in only its second year of competition.



the driver, for safety reasons. A tall wing provides downforce to provide traction off of the starting line and to keep the car on the track at speed.

Funny Cars are also built on tubular chassis with a wheelbase between 100 and 125 inches. Funny Car drivers sit right behind the engine mandating the wearing of a heavy fireproof suit and a helmet with a built-in respirator.

The funny car chassis is covered with a one-piece fiberglass body that is a designed to resemble a street car.

Current body styles include, Chevrolet Impala, Dodge Charger, Ford Mustang and Toyota Solara, the body used by the Al Anabi team.

In 2009, The Al Anabi Top Fuel team missed the championship by three points.

This year the Top Fuel car is on a roll, recently winning the Indy Nationals, the NHRA's premier race. The team heads into the championships as the point leader with every indication that Johnson and Dixon can bring home the Top Fuel championship trophy in 2010. ■



# PEOPLE NEWS

## PROFILE: John Peter, Communications Coordinator

Often times we find ourselves so focused on the job at hand that we are blind to the world around us.

In the U.S. we have a saying, "He couldn't see the forest for the trees," which sums that up.

As I spent my first few months at Energy International Corporation learning about the company and hunting down information on projects and new employees, I seem to have forgotten that I am a new employee too.

Allow me to introduce myself, once again, and tell you a little bit about myself and why I'm here.

I started my career working for a couple of small advertising agencies in the Detroit, Michigan area after graduating from The Center for Creative Studies, a renowned art college in Detroit, with a degree in Advertising Design.

Over the years I gained experience in retail advertising as the Art Director for Highland Appliance, a national appliance and electronics retailer. I learned the publication business while working for two automotive magazines, AutoWeek, an automotive enthusiast magazine and Automotive Industries, an automotive trade magazine. I started out in the magazine industry as an Art Director, but soon found a knack for writing with a push from a gentleman named Larry Edsall who was the managing Editor at AutoWeek magazine.

While at AutoWeek, I also dabbled in photography, shooting photos at some of the major NASCAR and IndyCar races in the area.

As an auto journalist, I was able to



John Peter (jp) and Bailey enjoy an evening at home.

travel outside of the U.S. for the first time, visiting a number of destinations in Europe and Asia.

Most recently, I worked for a pair of Public Relations firms. At PCGcampbell, I managed an electronic newsletter for Ford Motor Company in English and Spanish. I also researched and wrote press kits for new products like the Lincoln MKS sedan and Ford Edge Crossover.

At John Bailey & Associates I worked in both public relations and graphic support for clients in the automotive, healthcare and non-profit sectors.

When I am not at work, I enjoy my time at home with my wife Anna and Bailey the Bichon Frise, our cute and cuddly dog, who we jokingly refer to as our only grandchild.

Anna and I raised a combined family of six. Joe, John, Josh, Matt, Felicia and

Dan are all grown and out on their own. I also enjoy music, playing bass and guitar at our church and playing bass with Son Connection, with my son Dan on guitar, Paul Rogers on drums and Paul Herrington on keyboards.

As Communications Coordinator for Energy International, I am charged with keeping the company Web site current, adding new manufacturers and products, updating contact information and other general site maintenance. I am also the one who researches and writes the brief news articles on the site.

I have utilized my graphic arts background to create marketing materials and trade show displays as well as adding some professional flair to EIC's technical submittals.

One of my many responsibilities is the planning and writing of the Energy International Quarterly newsletter.

I hope you are finding the newsletter informative and maybe a little bit entertaining.

I have learned a lot about the company and the Middle East as I have researched articles for the newsletter and worked on various technical submittals.

I have learned EIC is more than just one company. It is one company made up of a diverse group of companies and people as illustrated by the home page of our Web site.

I have had a chance to meet with and talk with a few of you and hope to get the opportunity to meet many more.

I am always here to help with technical submittals, PowerPoint presentations or whatever else you might need. ■



# TECHNOLOGY

## ETL and UL

*There's more than one way to make top marks in U.S. safety standards*

If part of your job includes specifying products for EIC's many customers, you may have noticed a change in the certification marks on many of the specifications sheets for products made in the United States.

A few of Energy International's U.S. vendors have been changing from the much-recognized Underwriters Laboratories (UL) mark to the lesser known ETL mark. The changeover has caused some confusion and concern with a few of the company's contractors in the Middle East who have come to expect the UL mark on all American-made products that we sell.

We hope this article will help to clear up any misconception and help our customers feel confident that products bearing the ETL mark are made to the same high-quality safety standards as products with the UL mark.

Both Underwriters Laboratories and ETL, owned by Intertek ETL Semko, are designated as National Recognized Testing Laboratories (NRTL) by the Occupational Safety and Health Administration (OSHA). NRTLs provide independent evaluation, testing and certification of any electrically operated or gas- and oil-fired product. ETL is recognized as an NRTL in the U.S. and, in a similar capacity, as a Testing Organization and Certifying Body in Canada by the Standards Council of Canada.

A product bearing the ETL Listed Mark, just like the UL mark, is determined to have met the minimum requirements of widely accepted product safety standards

as determined through the independent testing of a NRTL. As part of the testing regimen, manufacturers also agree to periodic follow-up inspections to verify continued compliance.

One of the major misconceptions is that manufacturers are required to use Underwriters Laboratories for compliance testing as mandated by the standards themselves. The true legal requirement is that the laboratory that performs the testing be a NRTL recognized by OSHA. Both ETL and UL meet the same requirements.

TPI Corporation, manufacturer of Redd-I HVAC electric heaters has been moving from UL to ETL for the last year.

"The change has been made by our engineering department to aid in our product development time and expense," said Mike Curey, National Sales Manager. "ETL is a worldwide recognized organization and all testing is done under the same rigors and scrutiny as UL."

MetalAire made the switch to ETL in 2001 when they redesigned their air terminal unit line and introduced the 500 Series.

"All units with electric heat are required to be tested per UL Standard 1995 to be legal for sale in the U.S. and Canada," said Roger Engelke, MetalAire engineer. "ETL and UL are certified independent testing agencies that qualified to test and provide follow-up service for UL standard 1995, as well as other standards. In 2001 we chose ETL to test and provide follow-up service, because they were able



Many U.S. manufacturers, such as MetalAire above, are moving to the ETL mark in place of the UL mark. Products with the ETL mark still meet the same stringent UL standards.

to provide the service in a more-timely manner."

DriSteem, manufacturer of a number of gas and electric humidifiers has been using the ETL labs to test the company's electric products for some time now.

"ETL has historically been more responsive and easier to work with," said Dave Schwaller, Product Manager for DriSteem. "They provide timely factory inspections and testing turnaround and, of course, there's a cost benefit to using their services."

Schwaller says that some of the confusion could be driven by the difference in how U.S.-made and European-made products are marked.

"In Europe, products are marked by the group that writes the standard, not the laboratory that does the testing," said Schwaller. "Our European products receive the CE mark even though we use another accredited lab to do our testing." ■