



ENERGY INTERNATIONAL REPORT



WINTER 2014

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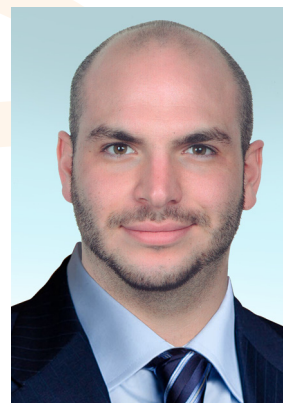
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EIC report is published twice a year by and for the employees of Energy International Corporation and their friends and associates in the business. All inquiries should be sent to: jpeter@energyintl.com.
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6850 N. Haggerty Rd., Canton, MI 48187
+734-354-2000 • info@energyintl.com
www.energyintl.com

Letter from the Top • Alex Fawaz

The end of the year is approaching and Energy International is looking at a successful 2014 with predictions for the new year looking even better. The UAE is waking up from a construction slump that has stifled the market for a few years. Expectations are looking good for the future with many experts forecasting that Abu Dhabi will lead the way to a construction boom in the Emirates. EIC is poised to be a major player in this resurgent market with a product line-up perfectly suited for the needs of consultants and contractors working on projects in the region. We used the Big 5 Show in November as a vehicle to introduce our newest supplier/partners to the market. **Jacir-Gohl** is a leading manufacturer of cooling towers and **Sempa Ltd.**, is a world-class pump manufacturer and supplier. We are looking forward to building market share with both of our new partners in the UAE and throughout the Middle East. In this issue of the Energy International Report, take an in-depth look at a couple of major projects featuring Jacir-Gohl and Sempa Ltd., along with a technical spotlight from another newcomer, **CosaTron**, a manufacturer of innovative air purification systems. We also bring you all of the latest news including the announcement of Khalil Bilane as the new General Manager for our Abu Dhabi office and our exposure in an on-line African Construction magazine. Enjoy the issue. We'll be back next year with more exciting news. 🇸🇦



Alex Fawaz
VP Operations

Be a Part of the Energy International Report

The EIC Report 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 jpeter@energyintl.com. I look forward to hearing from you.



EIC NEWS

The Latest News

EIC Names Khalil Bilane as General Manager of Abu Dhabi Office

Bilane will oversee day-to-day operations of the company's regional sales office in the UAE emirate

Energy International Corporation (EIC), a leader in the design, supply and installation of electromechanical products to the Middle East, has appointed **Khalil Bilane** as the **General Manager** of the company's branch office in Abu Dhabi, United Arab Emirates. Khalil assumes his duties as General Manager on November 1, 2014. EIC's Abu Dhabi office covers projects in the emirates and surrounding markets.

"We are pleased to have Khalil join the Energy International team," said Dr. Ned Fawaz, founder and Chief Operating Officer of Energy International Corporation. "Khalil comes to us with proven credentials as a sales leader. We look forward to continuing to build the EIC brand and grow our market share in the emirates under Khalil's leadership."

Khalil, a native of Lebanon, has extensive experience in the fields of HVAC and electromechanical engineering. Previous to coming to EIC, Khalil was the Managing director of Bilane engineering a private consultant office which he established in 2006 as well as Owner Representative/Senior Mechanical Engineer for ADM Electromechanical Consultants where he oversaw all aspects of project design and management including budgeting, procurement, MEP installation, finishing, scheduling and reception.

Khalil holds a master's degree in mechanical engineering from the Lebanese University.

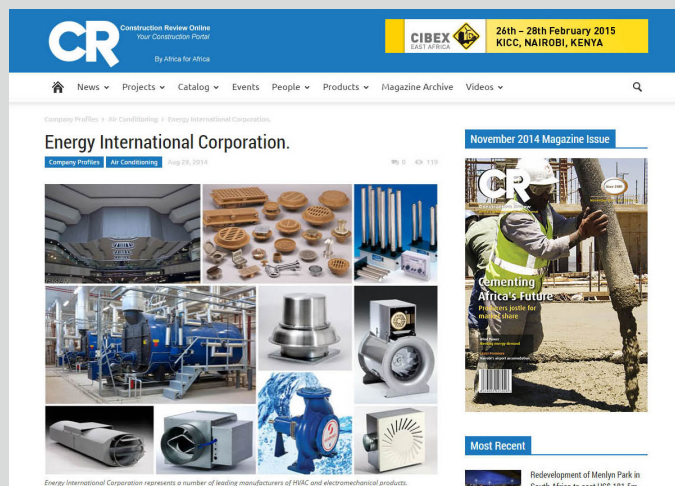
Throughout his career, Khalil has worked on a number of major projects in the Middle East and around the globe including: Princess Noura University, the Ministry of Finance, the Ministry of Education and Jabal Omar in Saudi Arabia; Beit Misk, Sama Beirut, Sky gate in Lebanon; Lusail Car Park in Qatar; The Abu Dhabi Financial Center in the UAE and projects in France, Romania and Morocco.



Khalil Bilane has been named General Manager for Energy International Corp.

EIC's Abu Dhabi office was one of the first established in the Middle East, a launching pad for EIC's 35-year success story. The region has seen its ups and downs lately, but recent market reports show a resurgence in the UAE construction sector with a special focus on Abu Dhabi which is forecast the lead the construction boom in the sector over the next few years. 🇦🇪

Energy International Featured in Construction Review Magazine



Energy International was featured in Construction Review magazine's online edition. Construction Review is one of Africa's leading journals with more than 50,000 readers of its digital and print copies located in West Africa, Ghana, Nigeria, Botswana, South Africa, Zimbabwe, Kenya, Tanzania, Uganda and Ethiopia. EIC was profiled on the constructionreview.com web site. To read the profile copy and paste the below link into your browser.

<http://constructionreviewonline.com/2014/08/29/energy-international-corporation/> 🇦🇪



EIC NEWS

The Latest News



EIC Exhibits at 2014 Big 5 Show

EIC booth displays new partners and technologies

Energy International Corporation was one of more than 2,700 exhibitors participating in The Big 5 Show in Dubai, United Arab Emirates, held at the Dubai World Trade Center on November 17 through 20, 2014.

The Big 5 is the largest construction exhibition in the Middle East, serving as a networking platform for construction product suppliers and buyers since 1979. The 2013 event drew 2,747 exhibitors from 57 countries and set an attendance record with 74,854 participants representing 124 countries.

"The Big 5 Show is one we look forward to every year," said Dr. Ned Fawaz, CEO, Energy International Corporation. "This event allows us to not only demonstrate our own technology to a wide range of current and future customers but to also see what new and exciting things the industry has to offer."



The EIC booth (top) was anchored by a full-scale Jacir-Gohl cooling tower. Energy industrial Vice President Wissam Fawaz discusses Lau technology with show attendees (above).

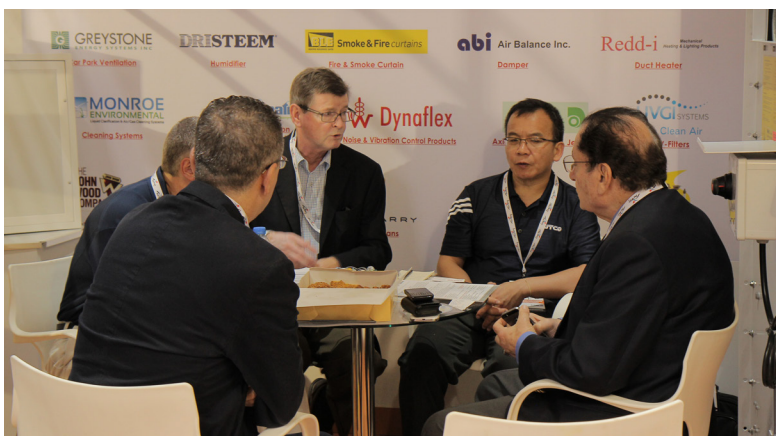


EIC NEWS

The Latest News



The EIC, Big 5 Show exhibit staff pose for a group shot (top left, left to right), Alex Fawaz, EIC, Nicolas Winkler, Jacir-Gohl, Mahmoud Al Kirdi, EIC, Michale Kost, Jacir-Gohl, Rami Fawaz, EIC and Laurent Petiot, Jacir-Gohl. BLE Group representative David Millington (above right) demonstrates a BLE fire curtain to a show attendee. The operating curtain would drop with the sound of an alarm buzzer catching the attention of show attendees. The upper mezzanine level offered a quiet, private space to do business (left).



EIC Hosts Pre-Big 5 Show Technical Seminar to Introduce New Products

Energy International hosted a product seminar on Thursday, November 13, 2014 at the Westin Mina Seyahi Beach Resort & Marina in Dubai, UAE, to introduce a selected group of contractors and consultants to products from supplier/partners **Sempa Ltd.** and **Jacir-Gohl**.

Representatives from **Jacir-Gohl** and **Sempa** gave technical presentations and answered questions from the attendees. There was also product on display for the benefit of those attending. 📺

Thaer Momani, EIC's pump engineering specialist gives a technical presentation on Sempa pumps to the attendees at the EIC product seminar.





Mansfield Pollard Wins Two Major UK Awards

EIC Supplier Mansfield Pollard Wins Top Honors at the 2014 Bradford Means Business Awards

Air management specialist **Mansfield Pollard**, which supplies kitchen ventilation canopies to Energy International's clients, has recently won The Manufacturer of the Year and Winner of Winners titles at the prestigious Bradford Means Business Awards in the U.K.

These latest achievements follow a highly successful year for **Mansfield Pollard** which has seen major new business wins, turnover grow by a third and the creation of 40 new jobs.

As well as being a key supplier for Energy International, **Mansfield Pollard** plays an instrumental role in training Energy's staff in the UAE and ensures that their product knowledge is of the highest standard.

Most recently, Mansfield Pollard's technical team designed and implemented a software package that will assist all offices in the Energy International network in designing and specifying canopies.

This close relationship between **Mansfield Pollard** and Energy International is built on trust and a shared business philosophy of delivering world-class products and services to its customers.

Mansfield Pollard, based in Yorkshire, U.K. is unique in offering a complete design-and-build air management service and prides itself on being a total solutions provider.

Utilizing its own in-house expertise **Mansfield Pollard** designs, manufactures, installs and commissions solutions for some of the most challenging air management projects around the world.

The company produces an innovative



Bradford Telegraph & Argus Deputy Editor, Damian Holmes, along with Catherine Riley, Bradford Kirkgate Centre Manager present Joanna Robinson, Managing Director of Mansfield Pollard with the 'Winner of Winners' award.

range of high-quality products including air handling units, kitchen canopies, air conditioning systems and vibration and acoustic management systems, all of which deliver best-in-class performance and efficiency.

Joanna Robinson, Managing Director at **Mansfield Pollard** said: "We are proud of our partnership with Energy International and their presence in the UAE has been vital for our development in the important Middle East market.

"This year has been very exciting for us and the progress which we have made is testament to the efforts of each

member of the **Mansfield Pollard** team and our trading partners.

"The commitment shown to providing outstanding customer service, together with the exceptional knowledge of the technologies used in our products means that Energy International's clients benefit from industry leading solutions and service.

"We look forward to further strengthening our relationship with Energy International and to working together to develop our business in the Middle East by delivering exceptional solutions for our clients." 📱



PROJECT NEWS

Yarmouk Water Project - Northern Governorates, Jordan

Managing a National Resource

Energy International and Sempa Ltd. play a major role in Jordanian national water initiative

The country of Jordan is situated on the East Bank of the Jordan River and bordered by Saudi Arabia to the south and east, Iraq to the north-east, Syria to the north, and Israel to the west. It is considered one of the ten most water-scarce countries in the world.

In 1988, Jordan established the Ministry of Water and Irrigation (MWI) in response to the country's need for a more integrated approach to national water management. Two key agencies in the water sector are under the authority of the Ministry – the Performance Monitoring Unit and The Water Authority of Jordan (WAJ).

The WAJ is responsible for planning, construction, operation and maintenance of the public water supply and sewer services either directly or indirectly through its subsidiaries. It has been established as an autonomous corporate body, with financial and administrative independence linked with the Minister of Water and Irrigation.

In 2009, HRH Prince Faisal Bin Al Hussein, head of the Royal Commission for Water launched "Water for Life", a comprehensive plan that addressed the issues of how to best use the country's limited water supply, mapping out a strategy through 2022 to ensure that all of Jordan's 6.5 million citizen's would have access to clean water.

As part of the plan, the WAJ analyzed and evaluated various options for the Northern Governorates Water



Jordan is one of the 10 most waterscarce countries in the world. Energy International worked with the Ministry of Water and Irrigation in Jordan to supply energy efficient pumps to a nation-wide water conservation and management system in the country.

Administration (NGWA). The NGWA was established to cover the four Governorates of Ajloun, Irbid, Jerash and Mafrq with a population of approximately two million people. It was decided that the NGWA would undergo a process of commercialization that would consist of two stages.

The first stage would be to corporatize the NGWA, creating a Limited Liability Company called the Yarmouk Water

Company (YWC). The YWC would become an independent legal entity with its own separate management and finances.

The second stage would have the YWC sign a Performance-Based Management Contract (PBC). A PBC is a support strategy that places primary emphasis on optimizing system support to meet the needs of the user. PBCs delineate outcome performance goals, *continued on next page*



PROJECT NEWS

Yarmouk Water Project - Northern Governorates, Jordan

ensure that responsibilities are assigned, provide incentives for attaining these goals, and facilitate the overall life-cycle management of system reliability, supportability, and total ownership costs.

Under the PBC the Yarmouk Water Company would become the Management Contractor, contracting outside vendors to provide the products and services needed to meet the WAJ's goals of creating a water supply and waste water management system that would serve the Northern Governorates, and managing and monitoring the system to make sure it is working as planned.

The goals of the YWC project for the Northern Governorates included:

- Improve water distribution and waste water management for the people in the Northern region.
- Reduce electricity consumption through the study of varying load demands and providing efficient pumps where needed.
- Building a foundation for sustainable and energy-efficient operation of the system through the use of high-quality and efficient pumps.
- Reduce maintenance costs by training the Yarmouk operators in preventative maintenance procedures and operating steps along with providing the necessary tools and technical information to keep the system running smoothly.



Jordan's Ministry of Water and Irrigation meet to discuss and implement plans to create a water supply and waste water management system that would provide all Jordanians with fresh water.

Energy International & Engineering, Energy International's branch office in Amman, Jordan, was one of several suppliers called on by the YWC to submit proposals.

Thaer Mommani and his EIC team, along with pumps supplier-partner Sempa Ltd., gave a presentation to the YWC.

"The presentation was designed to show them that Sempa pumps were in compliance to the high quality specifications asked for by the YWC," said

Mommani. "Then we sent them a sample pump for testing. Once the Sempa pump passed their tests, we were sent a series of RFQs (Requests for Quote)."

Mommani says that EIC and Sempa were competing against some of the world's leading pump manufacturers. When the YWC compared the quality and price of Sempa's units against the competition, EIC and Sempa won the contract.

Sempa Ltd., with headquarters and

continued on next page

Mommani says that EIC and Sempa were competing against some of the world's leading pump manufacturers. When the YWC compared the quality and price of Sempa's units against the competition, EIC and Sempa won the contract.



PROJECT NEWS

Yarmouk Water Project - Northern Governorates, Jordan

manufacturing facilities in Konya, Turkey, produces a full-line of quality pumps designed for a number of applications including supply of clean water to residential and industrial facilities, waste water and sewage pumps and submersible pumps.

Sempa was established in 1972 in the Konya Region of Turkey to meet a growing need for horizontal axis centrifugal pumps to aid in agricultural irrigation. The company introduced its first vertical axis, deep-well pump in 1989.

Sempa is staffed by highly-experienced professionals in the fields of design, engineering, manufacturing and marketing and is a leading manufacturer of high-quality, competitively-priced pumps under the Sempa/Dynamix trademark. The company recently opened a new 10,000 m² manufacturing facility in the Busan Industrial Zone in Turkey providing one of the best quality products worldwide.

The company has contributed to a number of major projects water administration and conservation projects including the Turkish State Hydraulic Works (Konya Water Project) and the Housing Development Administration of Turkey (Konya, Ankara, Bursa, Van) Project that provided water service to more than 10,000 housing units.

The Yarmouk project consists of 18 pumping stations completed during 2013/2014 with additional stations set to be constructed during 2014/2015.

Energy International is supplying the pumping stations with SEMPA/Dynamix horizontal multi-stage, end suction, high-pressure pumps and stainless steel and cast iron submersible pumps. 🇳🇵



Freshly-painted Sempa Ltd. pumps (above) await installation in one of 18 pumping stations being installed in Jordan's Northern Governorates. A pair of Sempa vertical in-line centrifugal pumps are installed in a pumping station (right). EIC is on the job. Expert pump sales engineers are on-site monitoring installation to insure the stations are operating at their best (below).





PROJECT NEWS

Saverglass Factory - Ras Al Khaimah, United Arab Emirates

Putting the “Cool” in Luxury Glass

Jacir-Gohl provides energy saving cooling strategies to new Saverglass factory in the UAE



The Saverglass glass factory in Ras Al Khaimah, UAE is the company's first venture outside of France. The factory will produce luxury glass bottles for perfumes, cosmetics, wines and other food items.

Ras Al Khaimah is one of seven emirates making up the United Arab Emirates in the Persian Gulf area of the Middle East. Situated in the northern part of the UAE, Ras Al Khaimah covers an area of 1,684 square kilometers, bordering Oman to the east and the emirate of Ajman to the south.

In 2005, the emirate created the Ras Al Khaimah Investment Authority (RAKIA), a government entity set up to attract investors to establish businesses in one of the emirate's free or non-free zone industrial parks.

Saverglass, a French glass bottle manufacturer, specializing in the design, manufacture and decoration of luxury glass bottles for perfumes, cosmetics, wines and food products, became one of the 11,000 companies registered with the RAKIA.

The 100,000 square meters production and design facility, Saverglass' first venture outside of France, employs 180 people and helps the company to reduce production and export costs, and allows for greater flexibility by moving manufacturing closer to the end user.

Glass bottle manufacturing is a hot business. Raw materials are fed into a furnace where molten glass is produced at temperatures up to 1,575°C (2,867°F). The glass “gobs” are formed into the proper shapes through a sophisticated blow-mold process and cooled through several critical steps.

The large amounts of heat produced by the furnaces require massive cooling systems. One major component of the cooling system is the cooling tower.

Jacir-Gohl, was called on to supply the cooling towers to the Saverglass facility. They provided two different cooling applications.

Jacir-Gohl Model “RC” Heavy Duty cooling towers with X-stream technology are being used to cool water with a high cullet content. Cullet is crushed glass.

Model SF towers are used for furnace and compressor cooling. There are two loops with one stand-by tower on each loop with filters used at the air Inlets.

“Saverglass was looking for a high level of reliability (the units would be in operation 365 days / year and 24 hours / day) with a strong concern due to the closeness of the sea and sand storms, and wanted to save water,” said Nicolas Winkler, head of international sales for *continued on next page*



PROJECT NEWS

Saverglass Factory - Ras Al Khaimah, United Arab Emirates



Jacir. "The group was looking for a good local presence and the ability to manage a turnkey offer including the complete door-to-door transport, the full electrical control, the site installation and final start-up."

Jacir-Gohl has more than 50 years of experience in the design, development,

manufacture, and installation of cooling towers, having delivered more than 65,000 units to more than 100 countries around the globe. The group's sales are managed in the Middle East through the Energy International network.

The SF is a closed-circuit cooling

The model RC towers (below left) X-Stream technology are being used to cool water with a high cullet (crushed glass) content. Model SF closed loop towers (top left) are used to cool the furnaces and compressors. The closed loop towers are designed for efficient performance and long life with resistance for corrosion and the formation of biofilm.

tower. The principle of a closed cooling tower is to use evaporation like conventional towers and to cool down the process through a heat exchanger that is encased in a closed space. Water is fed into the unit and sprayed over the infill where it is cooled by a forced-draft, centrifugal fan mounted outside the basin in the dry airflow. Cooled water is pumped out of the unit tower and cools down the water coming from the process side through a plate heat exchanger.

The Model SF tower uses a stainless steel plate heat exchanger that is fully-protected from outdoor conditions thanks to a stainless steel structure and 1.5 mm thick, self-supporting stainless steel casing with a large access door for easy maintenance.

Two connections to the heat exchanger (water inlet and outlet) are made through flanges located outside the room and placed on the tower's length.

The dual intake, centrifugal, low-pressure fan has forward-curved blades and is located outside the basin in the dry airflow, at chest height and easily accessible without dismantling the tower.

All SF-type cooling towers are shipped fully factory-assembled on a single frame, ready for installation.

All parts coming in contact with the
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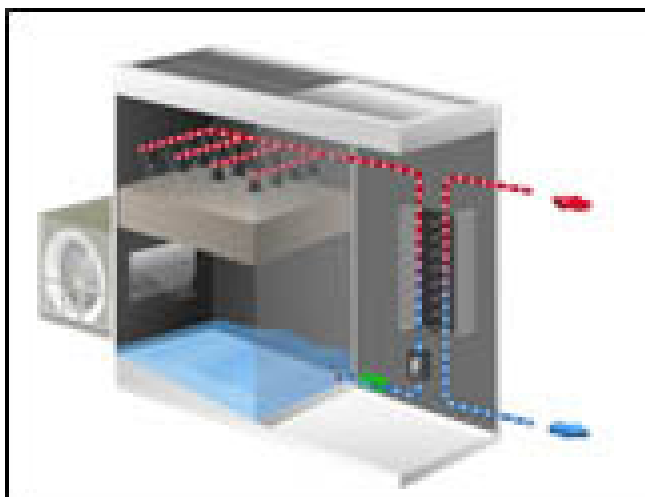
PROJECT NEWS

Saverglass Factory - Ras Al Khaimah, United Arab Emirates



water, (plates, casing, structure, filter and pumps), are constructed of a special stainless steel to eliminate corrosion caused by the use of osmosis water and the chemicals used to treat the water. Water saving is managed through a high concentration level and lower rate of drain.

"Closed-type towers will be a new trend for the coming years," said Nicolas Winkler. "Closed circuit towers offer higher reliability, are easier to maintain and require less control over the cleanliness and chemical treatment of the loops. The heat coming from the process is rejected to the air through a heat exchanger and then the evaporation loop. There are two separate circuits and the water circulating in each never mixes with the other, preventing the



The view inside of the SF tower (far left) shows the exchange room, with the plate heat exchanger (PHE) pump, centrifugal filter and piping. All components are enclosed in a metal room out of the elements. The illustration at left shows the two connections to the heat exchanger (water inlet and outlet). The connections are made through flanges located outside the room and placed on the tower's length.

contamination or either circuit"

"Also, since all of the components are enclosed inside a cabinet and out of the elements, there is less chance for corrosion and biofilm to form."

Possible causes of contamination are particles coming from the process or from the ambient air. Closed loop towers, unlike open towers, separate the process and the tower's evaporation loops. This design reduces the need for maintenance on the evaporation side (secondary) loop and the process side (primary loop). There are no retention areas to manage such as bends, etc., and the PHE is easy to maintain as it can be fully disassembled if necessary. Ease of maintenance directly results in long-term reliability.

The volume of water is much smaller requiring a limited need for chemicals in the isolated primary loop. The smaller water volume on the evaporation side

means a quick and manageable drain.

The cooled water's temperature is lower compared to traditional open towers limiting the risk of bacteria proliferation.

Large access doors and the ability to remove all parts for cleaning, along with a centrifugal filter, further reduce the risk of bacterial contamination.

"This new trend of using a closed loop tower is developing quickly thanks to a high level of reliability and the possibility of coming regulations designed to prevent Legionnaire's disease," said Winkler. "This is leading consultants and end users to switch to closed loop technology. The safer operation and smaller need for chemicals and water are delivering systems that will pay for themselves in a couple of years, knowing that the most critical part during the towers' operation is their maintenance." ■

The safer operation and smaller need for chemicals and water are delivering systems that will pay for themselves in a couple of years.



TECHNOLOGY

Supplier Spotlight - Cosatron

Healthier, Odor-Free Hospitals Thanks to CosaTron

EIC Supplier's unique solid state air purification system provides clean air with big cost savings



One of the major concerns in any health care related facility is the control of airborne contaminants such as fine particulates and bacteria that move unseen through the air to cause post-operative infections, inflammation or irritation. Secondary concerns include the control of odors associated with a typical health care facility, such as those medically related, as well as the offensive chemical, bathroom and food preparation odors that can prove uncomfortable to patients and employees alike.

A number of hospitals and related healthcare facilities around the country have eliminated these problems by installing CosaTron®, a unique solid state air purification system which accelerates the natural coagulation of airborne

particulate matter and enhances the filtration of the existing air handling system. CosaTron controls the behavior of airborne contaminants, as well as offensive odors, and save energy dollars by reducing outside air requirements and cutting overall cleaning and maintenance costs of the conditioned space, and the air-handling equipment. Case in point is the Martin Health System based in Stuart, Fla. comprised of two hospitals, two MediCenters, a free-standing emergency center, and numerous outpatient centers and clinics. A third hospital, Tradition Medical Center, will be completed in 2014 in west Port St. Lucie.

When Martin Memorial was considering a six-story, 72,578 sq. ft. expansion of their facility to include

additional patient rooms, modern Operating Room (OR) suites, an enlarged ICU unit, Radiology, Emergency Room and an employee dining room, Aaron Hertz was called in as the consulting mechanical engineer. Familiar with the problems of any hospital and impressed by the savings in outside air requirements and overall air quality generated by CosaTron, Hertz specified that CosaTron be included in the design criteria of the new addition.

At that time, the State of Florida required 100% outside air for any OR suite or operating facility such as orthopedic areas, but Hertz was granted special permission for a 50% reduction based on the CosaTron inclusion in the design specifications for all 12 air-handling units
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TECHNOLOGY

Supplier Spotlight - Cosatron

serving the new addition. In the design, the systems serving the OR suites use 50% outside make-up air with 50% return air, providing a total of 17 air changes per hour. The filters consist of a combination of 55% NBS efficiency pre-filters and 99% HEPA type filters on the discharge side of the supply fan. All other air-handling systems serving clinic, ICU and patient room areas use 80% to 85% NBS filters in lieu of the HEPA type (average 80% return air and 20% outside make-up air).

At the time that the new addition went into operation, Hertz states, "I ran my own series of tests with CosaTron "ON" and with CosaTron "OFF," demonstrating that CosaTron did, in fact, reduce energy and operating costs and control the odors associated with this health care-related facility."


After years of operation, the differences between the original hospital and the new six-story addition are like night and day," says Jim Briggs, Director of Plant Services, Martin Memorial. "In the old wings, the brown fuzzy contamination around the supply outlets and return air grills is obvious. So is the unmistakable hospital odor. In the new areas we have exceptionally small amounts of dirt collecting on the grid tiles around the supply outlets and return grills, as compared to the areas not treated by CosaTron. In here, it just doesn't smell like a hospital either," adds Briggs. In fact,



everyone at Martin Memorial is aware of the difference, from the administrator to the head housekeeper who claims "that only minimal housekeeping is required in the CosaTron area of the hospital as compared to the requirements in the non-treated areas."

As part of ongoing expansion to meet demand, Martin Memorial decided it was time to finish the fifth floor of the new facility to increase the number of patient rooms and insisted that CosaTron be included in the two air-handling systems serving the floor. Subsequently, CosaTron systems have been added to the two units in the older part of the facility, as well as the emergency operating room, central supply, laboratory, nursery, pharmacy, the recently-completed sixth floor patient

room area, nurses and doctors lounges, and visitor waiting room areas.

The remaining air-handling units serving the non-treated areas are already scheduled for CosaTron as soon as the necessary funds become available. In addition to saving energy, reducing the day-to-day operating and maintenance costs, and eliminating the typical hospital odors, Martin Memorial's cooling coils, fans, supply ducts and other heat transfer surfaces remain clean, thereby eliminating other sources of bacteria and contamination buildup. And in the laboratory areas equipped with a Xenon Gas Evacuator, they have never had a problem with Xenon gas odor. As Briggs states, "We've had CosaTron for years now and we know that it works!" 

CosaTron controls the behavior of airborne contaminants, as well as offensive odors, and saves energy dollars by reducing outside air requirements and cutting overall cleaning and maintenance costs of the conditioned space, and the air-handling equipment.



PEOPLE NEWS

EIC Welcomes New Faces

Please join us in welcoming new faces to Energy International.

Bayan Al-Daour joins our Jordan office as an Estimation Engineer. Bayan has a Bachelor of Science degree in Mechanical Engineering with an emphasis on Heating, Air-Conditioning and Refrigeration, from Al-Tafilah Technical University/ Faculty of Engineering Technology in Amman, Jordan. While at University she completed a four-month internship at the Jordan office of FA Kettaneh & Co. Ltd., a global supplier of electrical and air-conditioning products. Bayan also completed in the Seventh National Technology Parade. Organized by Yarmouk University and other leading Jordanian Universities, and in cooperation with UN WOMEN and Queen Rania Center for Entrepreneurship (QRCE), The

Technology Parade is in response to the global drive towards capitalizing on the innovative potential of students to provide technological solutions to challenges facing businesses, governments, civil society, and local communities in the different areas of the world.

On the Move

Mahmoud Al Kirdi moves from Energy International and Engineering in Beirut, Lebanon to the Parking & Transportation offices in Dubai, UAE. where he will be working with Jacir-Gohl on cooling towers. Ruby Shweihat transfers from EIC's Jordan office to the U.S. Headquarters where she will be working as a Sales Engineer. **Marwan Mroueh** is returning to the EIC after a short sabbatical. He will be working with Mazen Sheet in EIC's Riyadh, KSA office. 🇸🇦



Bayan Al-Daour joins the Energy International Jordan office as an Estimation Engineer.

Welcome to Energy International Corporation. Visitors to EIC World Headquarters in Canton, Michigan, USA will have an easier time finding the entrance with the addition of a large logo over the door courtesy of Signarama, a local shop in the Canton area.

