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APPROVAL GRANTED FOR GAS TREATMENT SYSTEM

Swedish technology company ETG, Emission Technology Group, has had approval by the Dutch certification organisation RDW for its Euro 5 system.

The system, which is for the after treatment of exhaust gases from existing diesel engines, is now approved for the requirements that will come into force in the EU in 2009.

The exhaust gas cleaning system can be fitted to diesel engines manufactured from 1996 onwards. This means that older buses, lorries and construction machines can have an exhaust gas cleaning system that can satisfy the requirements of the future, according to ETG.

“The fact that the system has now been certified is a great success. It proves that our system really works - that we can reduce emissions of hydrocarbons, oxides of nitrogen (NOx) and particles from diesel engines by more than 80 %. We’re two steps ahead of today’s EU requirements,” said Kenneth Dahlqvist, export manager at ETG.

ITT ANNOUNCES ACQUISITION OF ELLIS K PHELPS

ITT Industries Inc has acquired the business and assets of Ellis K. Phelps & Company (Phelps) of Apopka, Florida, USA.

According to ITT, Phelps is the largest US distributor of products sold under ITT’s *Flygt* brand for the wastewater pumping and treatment market.

“This acquisition will provide a foundation for support and sales growth in our US\$2.3billion global water

and wastewater business, and firmly secure our position as a premier supplier of related products in the Florida-Georgia region,” said Robert Ayers, president of ITT Industries’ Fluid Technology.

Phelps’ sales, service, and local monitoring and control business revolves primarily around ITT’s *Flygt* products and complimentary equipment used in water and wastewater pumping and treatment solutions. The Phelps organisation has 75 employees between its main location in Apopka and three full service satellite facilities in West Palm Beach and Fort Myers, Florida, and Savannah, Georgia, USA.

Terms of the transaction were not disclosed.

LIFE CYCLE COST PROGRAMME INTRODUCED FOR GAS TURBINES

Camfil Farr has developed a new Life Cycle Cost (LCC) programme, aimed at gas turbine filtration.

According to the company, the interactive software allows a user to see how different filtration options affect the total lifecycle cost of ownership of a gas turbine. Among the variables calculated are: engine performance characteristics, different environment, filter efficiency, pressure drop, filter dust holding capacity, price of filters, labour costs for filter maintenance, filter disposal costs, fuel prices, value of engine output, cost of downtime for filter change outs and engine cleaning.

The LCC software can be used to optimise a filter system for specific gas turbines, as these tend to differ in sensitivity to fouling. In general, higher efficiency turbines may be more sensitive to fouling. An assessment of performance in relation to the filter system could provide valuable input into the combination of

equipment selected, claims the company.

MERGER LEADS TO CREATION OF STORMWATER COMPANY

Two stormwater industry firms, Stormwater Management, Inc and Vortechinics Inc. have united to form a new company, Stormwater360.

The new company identity was launched at StormCon, the Surface Water Quality Conference & Exposition in Orlando, Florida, USA.

In April, Stormwater Management joined forces with Vortechinics when it became a wholly-owned subsidiary of CONTECH Construction Products Inc, a comprehensive civil engineering site solutions product and services company based in Ohio, USA. With the launch of Stormwater360, the firms continue the integration of their operations, the company reports.

“We are pleased to introduce Stormwater360,” said company president and chief executive officer (CEO) David Miley: “we chose the name because it communicates our passion about providing innovative and cutting-edge engineered solutions that meet every stormwater challenge.”

CUMMINS CELEBRATES PRODUCTION OF 750,000TH ENGINE

Cummins Jamestown Engine Plant is celebrating the production of its 750,000th engine with a visit from US Senator Hillary Rodham Clinton.

According to Cummins, the Senator played a key role in passing legislation that will help the Jamestown Engine Plant continue to grow, while ensuring that the environment

benefits from the increasing emphasis on cleaner diesel engines.

The legislation provides funds to replace or retrofit diesel engines or diesel-powered equipment so they comply with current clean air standards. The US Environmental Protection Agency (EPA) predicts that as a result of the legislation, numerous vehicles and construction equipment will be eligible to be replaced, rebuilt or retrofitted with some of the new diesel engines expected to be built at Jamestown.

The Senator has joined Cummins and other engine manufacturers in working to block efforts in Congress to alter or delay new diesel fuel standards which are set to take effect in 2006, Cummins says.

The Jamestown Engine Plant, one of Cummins' largest manufacturing facilities, manufactures heavy duty engines (ISM 11 litres and ISX 15 litres), and machine components. The plant produces an average of 400 engines every day.

SECURITY PROGRAMME BENEFITS WATER UTILITIES

A training programme has been developed, aimed at helping water utilities protect themselves against terrorist attacks.

The modular-format programme, which can incorporate enhanced security measures into facility design, operation and management, is based on three recently-released interim voluntary security guidance documents. Both the training programme and guidance documents were funded by a grant from the US Environmental Protection Agency (EPA).

The training programme is said to provide managers, operations personnel, design

professionals and regulatory officials involved in drinking water, wastewater and stormwater utilities with practical assistance for implementing improved security measures in new and existing facilities of all sizes.

The three training programs and guidance documents were developed by the American Water Works Association (AWWA), the Water Environment Federation (WEF) and the American Society of Civil Engineers (ASCE).

SIEMENS EXPANDS WATER BUSINESS DOWN MEXICO WAY

Siemens Water Technologies plans to expand the the company's water business in Mexico, Central America and the Caribbean by leveraging the existing Siemens infrastructure in Mexico – including the Mexico City base of USFilter.

The Siemens Water Technologies business will continue to focus on both industrial and municipal markets with an expanded scope of technology offering and services in the region, the company says.

The water services will include build-own-operate, mobile water treatment and emergency water supply, plus existing Siemens Energy & Automation product offerings in the water market, both industrial and municipal.

As part of the business expansion, Siemens Water Technologies will also re-tool and expand its manufacturing facility in Mexico City to support the additional workload for the region.

The company also expects to add additional personnel as part of the expansion.

- USFilter established its Mexico City office in 1994.

NAFA RECEIVES GETTY FOUNDATION GRANT

The National Filtration Association (NAFA) has received a US\$12,000 grant from the Getty Foundation – a programme of the J. Paul Getty Trust – to provide the “NAFA Libraries, Archives and Museums” guidelines to over 2,600 facilities worldwide.

The guideline, written by the NAFA Guidelines Committee presents best practice methods for using high-efficiency particulate filtration, along with effective and efficient gas phase filtration, to scrub the air of contaminants that can destroy papers, paintings, and other cultural heritage that are being preserved.

“We are delighted that the Getty has joined with us in getting this best practice guideline to end users in facilities whose job it is to preserve and protect priceless artifacts,” said Tom Ryan, president of NAFA. “This grant will help us to provide techniques and industry knowledge and practices to facility managers so that they can more effectively design their HVAC systems to remove harmful particulate and gaseous contaminants from the air,” he said.

NAFA is the worldwide trade organisation for the air filtration industry, which provides information and education about air filtration technology to members and users of air filter products and services, as well as providing certification programs for members, users and products.

“US-CHINA OPPORTUNITIES” HEADLINE INDA CONFERENCE

INDA's Filtration 2005 International Conference and

Exposition, which will take place on 15-17 November in Chicago, will be attended by more than 2000 attendees from around the world – along with with more than 100 exhibitors from all links in the filter supply chain – reports the nonwovens organisation.

Highlighting the recently released conference programme will be the November 16 keynote presentation by Dr. Morton Kaimen, Ph.D., of Northwestern University, who will share his thoughts on the opportunities for filtration companies created by the rivalry between the US, China and India for goods, services and energy.

MANN + HUMMEL INTRODUCES NEW TEST RIGS

Mann + Hummel has built two latest-generation liquid filter test rigs at its development centre in Ludwigsburg, Germany.

The company says that it is the first customer in Europe to apply the new pulse technology from the leading manufacturer Bonavista, based in the USA. The second test rig is a new development from the German test rig manufacturer Maximator.

Mann + Hummel says that the test rigs will help accelerate the development process in the oil and fuel filtration areas.

The *Multipass* test rig contains particle counters, and is used to test the separation efficiency and service life of the filter.

The second machine, a *universal* test rig, simulates and tests virtually all functions and operating conditions in the oil circuit, such as different pressures, flow rates, and temperatures. These simulations replace the function test on the engine.

