

## Industry News SIEMENS

Siemens said it will build a factory in Morocco to manufacture rotor blades for onshore wind turbines, creating up to 700 jobs and tripling Siemens' footprint in the country. The construction of the factory is expected to start this spring and is scheduled to begin operations in spring 2017.

The planned production facility will have a surface area of 37 500 m<sup>2</sup> and will be in Tanger Automotive City. Centrally located between Europe and Africa, the Tanger Med port provides the right conditions for the handling and export of blades to various locations in Africa, the Middle East and Europe, the company said.

## Industry News CIMAC

CIMAC has established the new Working Group (WG) 19, following a suggestion by the Chinese National Member Association. According to CIMAC, WG 19 reflects the significance of inland waterway vessels for the combustion engine industry, in particular in China.

The aim of WG 19 is to drive the developing countries to establish regulations on inland shipping emissions and to promote the communication of technology.

Chaired by Prof. Feng Wang of the Shanghai Marine Diesel Engine Research Institute (SMDERI), the WG 19 includes participants from engine manufacturers, research institutes, component suppliers, classification societies, ship owners, shipyards and oil and additive suppliers.

Following the establishment of WG 19, the next CIMAC Circle is hosted at MARINTEC show in Shanghai and focuses on Inland Waterway and Coastal Shipping.

The second new working group — WG 20 — targets the topic of system integration, with the aim to develop regulations and standards in system integration, such as Energy Efficiency Design Index (EEDI) definitions and implementation rules.

WG 20 is chaired by Stefan Müller, of MTU Friedrichshafen. Participants include engine builders; engineering companies; research organizations; system component suppliers — such as electrical equipment and automation, controls, batteries, gears, propulsors and thrusters, heat exchangers, steam turbines — and system integrators including engine users, shipyards and classification societies.

## Power Generation SIEMENS

Siemens will supply a long-term service agreement for the Brooklyn Navy Yard Cogeneration power plant in New York, New York, USA.

Brooklyn Navy Yard Cogeneration Partners LP provided Siemens with the agreement, which calls for parts and services for two SGT6-2000E gas turbines (GTs) over a 12-year term, and features Siemens GT performance enhancement solutions, including Si3D turbine blade technology and advanced compressor mass flow (CMF+) modifications. The agreement also includes the plant's SPPA-T3000 control system, SGEN6-1000A generators and SST-800 steam turbines.

The plant is a 286 MW gas power plant in the Brooklyn Navy Yard Development Corp.'s 121.4 ha industrial park. The facility supplies electricity to the Navy Yard and Consolidated Energy Co. (ConEd) and supplies steam to Con Ed, the Navy Yard and the nearby Red Hook wastewater treatment plant.

Siemens said its Si3D blades are designed to improve power output and thermal efficiency through a combination of 3-D aerodynamic design, advanced sealing, cooling improvements and advanced materials. CMF+ comprises 3-D airfoil profile modification of the first four rows of compressor blades and vanes, including the inlet guide vane, and instrumentation and control adaptations designed to increase mass flow for higher GT power output and exhaust energy, the company said. Si3D and CMF+ are part of a Siemens suite of GT performance enhancement solutions.

## Industry News SCHAEFF GROUP

Schaeff Group is expanding its global reach by establishing a subsidiary in Houston, Texas, USA. Alexander Schaeff, the company's managing partner, has designated Stephan Jakob as the person responsible for setting up the subsidiary in the United States.

Jakob will relocate to Houston for an initial period of five years. He will be responsible for all business handled through the American subsidiary. Additionally, Jakob will also position other machines and equipment from companies belonging to the Schaeff Group, such as assembly components and feeding solutions for automation from the German-Swiss company AFAG.

Along with the sales of machinery and equipment from the Schaeff Group, the newly established company in the United States will also focus on service.

## Oil & Gas MONICO INC.

Monico has authorized its first distributor in Power Ignition and Controls Appalachia (PICA). PICA will distribute and install Monico CDL Gateways and the mGuard line of smart applications for the compressors in the Marcellus and Utica Shale regions.

The mGuard LubeWatch is a smart app designed to provide continuous monitoring of a compressor's divider block lubrication rates. Adding LubeWatch to a Monico PLUS Gateway provides both local and remote confirmation of reciprocating compressor lubrication rates, the company said. A local interface provides immediate feedback for pump adjustment while a remote alarm interface notifies the user when the lube rate is either over or under the current desired rate.

Monico provides communications products and technical assistance across the industrial marketplace, and has long been a leader in CAT equipment communication and control due to its ability to communicate across CAT Data Link. In recent years the company and has expanded into the Cummins market and also works with Kohler, John Deere and MTU equipment.

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