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Emerson to automate Mitsubishi advanced polymers plant

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March 19, 2009 - Emerson Process Management Asia Pacific has been awarded a contract by MCC Advanced Polymers (Ningbo) Co., Ltd. to digitally automate a new advanced polymers plant in Zhejiang Province, Peoples Republic of China. According to the contract, Emerson will provide engineering and project management, and supply PlantWeb digital architecture. Mitsubishi Chemical Corporation, Tokyo, Japan, is the majority owner of MCC Advanced Polymers (MAP), which will produce PTMG fibers for use in China's textiles industry.

MAP planners chose PlantWeb digital automation as they were very interested in using FOUNDATION fieldbus instrumentation and communications technology in the new plant, which is scheduled for startup in September, 2009. With an initial capacity of 25,000 ton per year, this highly automated, state-of-the-art facility is designed to be competitive, safe, and easy to expand.

As a process automation system provider with worldwide experience implementing projects based on this technology, Emerson was a natural choice to provide engineering and project management as well as state-of-the-art automation and control products. Included will be Emerson's PlantWeb digital plant architecture with its DeltaV automation system, fieldbus instrumentation, Safety Instrumented Systems, and the AMS Suite predictive maintenance software. Instrumentation includes Rosemount flow, temperature and pressure measurement devices, Micro Motion Coriolis flowmeters, Rosemount Analytical analyzers, and Fisher regulators and valves with FIELDVUE digital valve controllers.

The main goals of this project are to provide MAP with the production flexibility to be able to offer quality products with competitive pricing to their customers in China. In this regard, MAP expects to benefit from the use of the fieldbus technology.

"MAP officials needed a digital automation supplier to work as a team with engineers in Japan and the construction contractor in China," according to Sabee Mitra, president of Emerson Process Management Asia Pacific. "We emphasized our ability to implement large automation projects in China, and especially our track record of efficiency, teamwork, and competitiveness."

About MCC Advanced Polymers

MCC Advanced Polymers has developed a unique polymerization technology especially for the manufacture of Polytetramethylene ether glycol, with production plants located in Yokkaichi, Japan. More than twenty-five years of experience in both process and product have contributed to the design and operation of these highly automated plants. They are designed with process controls that produce a consistent, high quality product that meets customers' specifications.

About Emerson Process Management

Emerson Process Management, an Emerson business, is a leader in helping businesses automate their production, processing and distribution in the chemical, oil and gas, refining, pulp and paper, power, water and wastewater treatment, mining and metals, food and beverage, pharmaceutical and other industries. The company combines superior products and technology with industry-specific engineering, consulting, project management and maintenance services. Its brands include PlantWeb, Fisher, Rosemount, Micro Motion, Daniel, DeltaV, Ovation, and AMS Suite.

About Emerson

Emerson (NYSE: EMR), based in St. Louis, Missouri (USA), is a global leader in bringing technology and engineering together to create innovative solutions for customers through its network power, process management, industrial automation, climate technologies, and appliance and tools businesses. Sales in fiscal 2008 were \$24.8 billion.

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