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PlantWeb News

Emerson awarded \$3.1 million contract to automate Australian nickel/cobalt mine

Emerson's PlantWeb digital architecture selected for new BHP Billiton complex

AUSTIN, TEXAS (November 30, 2004) — Emerson Process Management announced today that it has won a \$3.1 million contract for digital automation and control of minerals processing at the BHP Billiton nickel/cobalt mine and treatment facility under construction in Ravensthorpe, Australia.

The new open-pit mine and minerals processing plant is part of a \$1.1 billion project that will annually produce up to 50,000 tons of nickel and 1,400 tons of cobalt.

Emerson will install its PlantWeb digital architecture with FOUNDATION fieldbus technology to deliver significantly more process and equipment information than traditional analog systems, enabling BHP Billiton to operate a safer, more reliable, and better performing mine and plant.

The [DeltaV™](#) digital automation system with [AMS™ Suite](#) predictive maintenance software, key components of PlantWeb, are at the core of the innovative digital approach that will include more than 2,000 smart digital field devices, making it the largest FOUNDATION fieldbus installation in Australia, and the largest use for mineral processing in the world.

Emerson's PlantWeb enables manufacturers to avoid costly, unexpected process interruptions and optimize performance of production equipment by establishing a predictive maintenance environment that is anchored by digital monitoring of instrumentation and equipment condition using data from smart field devices.

"Our BHP Billiton contract signifies the growing recognition of PlantWeb as the leading driver for the adoption of fieldbus technology," said John Berra, president of Emerson Process Management. "Engineers around the world are recognizing PlantWeb with FOUNDATION fieldbus as the preferred digital automation technology for both today and tomorrow, because it offers such benefits as lower installation costs, more reliable and consistent operations, and lower maintenance costs."

About Emerson Process Management

Emerson Process Management (www.emersonprocess.com), an Emerson business, is a leader in helping businesses automate their production, processing and distribution in the chemical, oil and gas, refining, pulp & paper, power, food and beverage, pharmaceutical, and other industries. The company combines superior products

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and technology with industry-specific engineering, consulting, and project management, and maintenance services to help customers achieve the potential of their operations. Emerson brands include PlantWeb®, Fisher®, Rosemount®, Micro Motion®, Daniel®, DeltaV™, Ovation®, and AMS™ Suite.

About Emerson

St. Louis-based Emerson (www.gotoemerson.com) is a global leader in bringing technology and engineering together to provide innovative solutions to customers in process control; electronics and telecommunications; industrial automation; heating, ventilating and air conditioning; and appliances and tools. Sales in fiscal 2004 were \$15.6 billion.

About BHP Billiton

BHP Billiton (www.bhpbilliton.com) is the world's largest diversified resources group, operating a mix of high-quality assets across the globe. BHP Billiton's portfolio of assets are structured into seven customer-oriented groupings and include Petroleum, Aluminium, Base Metals, Carbon Steel Materials, Diamonds and Specialty Products, Energy Coal and Stainless Steel Materials.

PlantWeb, Fisher, Micro Motion, Rosemount, Daniel, DeltaV, and AMS are marks of one of the Emerson Process Management companies.

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