
WARRINGTON, UK, JANUARY 28, 2003

ATEX motors from ABB save energy at BP Grangemouth

ABB has signed an agreement with BP to supply hazardous area low voltage motors to the Grangemouth complex in Scotland. The ABB motors will help the energy giant save energy and meet the requirements of the new Dangerous Substances and Explosives Atmospheres Regulations, the UK implementation of the European ATEX Directive.

ABB has agreed to store a consignment stock of high efficiency hazardous area motors at the site of distributor Midland Electrical, located within a quarter of a mile of the BP Grangemouth complex to ensure a speedy replacement service, substituting the latest hazardous area motors as older ones reach the end of their lives.

The Dangerous Substances and Explosive Atmospheres Regulations (DSEAR), due to come into force in July 2003 lays down strict new guidelines governing potentially explosive atmospheres in plants throughout the UK.

ABB is already the preferred supplier of drives and motors for the BP facility at Grangemouth. As the agreement was due for renewal, BP wanted to add ABB motors compliant with the new regulations to ensure it could meet its obligations.

Jim Brannan, Procurement Materials Team Leader at BP Grangemouth, says: "When required, we will be replacing low voltage motors with new high efficiency ABB motors that meet the new standard. The agreement covers not just the UK but one of our facilities in France as well."

The Grangemouth facility is unique within the BP Group for having all three major businesses – Exploration, Oils and Chemicals operating together on one site. This oil refinery and petrochemical complex represents one of Scotland's largest industrial complexes.

Jack Lawless, Procurement Lead Specialist for BP Grangemouth says: "Hazardous area motors are used throughout the facility to guard against the threat of ignition of oil based hydrocarbon gas. The majority of plant areas are classified as hazardous, where there is a small chance that an explosive atmosphere could occur."

The site operates some 4,500 motors on pumps, fans and other equipment, in all sizes up to 10MW. As well as being suitable for hazardous areas, the ABB motors supplied under the agreement are energy efficient, meeting class Eff1 in the European rating system and helping BP cut its energy costs.

Designed to meet the high demands for efficiency, performance and availability required by the oil, gas, chemical and petrochemical sectors, ABB hazardous area motors are available in five protection types: flameproof, increased safety, non-sparking, pressurised and dust ignition proof (DIP).

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in power grids, electrification products, industrial automation and robotics and motion, serving customers in utilities, industry and transport & infrastructure globally. Continuing a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization with two clear value propositions: bringing electricity from any power plant to any plug and automating industries from natural resources to finished

products. As title partner in ABB Formula E, the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB operates in more than 100 countries with about 147,000 employees. www.abb.com



Caption: ATEX compliant motors from ABB will help save energy at the BP Grangemouth complex, as well as ensure the company complies with the new regulations concerning motors in hazardous areas.

—

For more information please contact:

Layla Hewitt

Marketing Communications

Phone: 01925 741517

Email: layla.hewitt@gb.abb.com

ABB Ltd.

Daresbury Park

Daresbury

Warrington WA4 4BT

Emma Jenkinson

Armitage Communications

Phone 020 8667 2218

Email: emma.jenkinson@armitage-comms.co.uk