

ABB to present innovations taking mining operations to the next level

August 23, 2016 – ABB will demonstrate a variety of ways to manage complexity, mitigate risk, improve safety, and increase competitiveness with their solutions and expertise on display at MINExpo 2016, an international event being held September 26-28, 2016 at the Las Vegas Convention Center in Las Vegas, Nevada.

Meet experts, discuss safe and reliable products and integrated operations, and view innovative solutions in booth #C-8271 in the lower Central Hall, including:

- **Smart sensor for low voltage motors** – This new condition monitoring technology transforms simple low voltage motors into intelligent machines that tell users when they need servicing through operating and condition parameters such as vibration and temperature.
- **Gearless Conveyor Drives** – This new permanent magnet solution, designed specifically for medium powered conveyors, provides high starting torque, reduced mechanical stress and fewer restarts.
- **Mine Location Intelligencetm** – A location based decision support system, Mine Location Intelligence provides real-time positioning of equipment and people, reducing time for evacuation and preventing people from accessing dangerous areas.
- **Extended Operator Workplace** – Through control design capabilities, ABB is able to consolidate different processes in more collaborative, attractive and ergonomic environments. The flexibility and efficiency of the Extended Operator Workplace facilitates faster decision-making and produces measurable improvements in productivity, safety, and job satisfaction. Systems available through the Workplace include MineScape, SmartVentilation and MineMarket.
- **Services for Mining** – In order to protect and optimize assets, ABB has developed tailored service solutions specific to the mining industry. They have solutions around rapid response, lifecycle management, operational efficiency, and performance improvement, all designed to minimize downtime, extend equipment life, and optimize process performance.
- **Motors, drives and mechanical power transmission products** – ABB offers a variety of industrial products designed specifically for mining applications including: ABB IECEx/ATEX certified low voltage flameproof IE2 motors for explosive atmospheres, ABB ACS880 industrial drives with NEMA 3R rated units, Baldor-Reliance crusher duty

motors with industry-leading torque performance, and Baldor-Dodge MagnaGear XTR reducers designed for tough, high torque applications.

By providing an integrated approach, ABB can help mining and mineral processing customers take their to the next level by optimizing power and productivity, resulting in safe, reliable and efficient operations.

ABB (www.abb.com) is a leading global technology company in power and automation that enables utility, industry, and transport & infrastructure customers to improve their performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 135,000 people.

[For more information about MINExpo and the ABB group of companies, please visit:](#)

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