

ABB wins \$24 million mining automation order in China

Hoist solutions combines drives, motors and control for Huainan Group

Zurich, Switzerland, November 23, 2004 - ABB, the leading power and automation technology group, said today it has won a \$24 million order from Huainan Mining Group Co. Ltd. of China, to supply mine hoist equipment for eight of the group's coal mines.

ABB's delivery includes ACS 6000 SD drive systems with Direct Torque Control, synchronous motors and hoist control systems based on the new Industrial IT Extended Automation System 800xA. The project encompasses five new mine hoists, complete brake systems for 11 new hoists and replacement brake systems for 13 existing hoists. The equipment will be delivered during 2005 and 2006.

"We are delighted that our state-of-the-art solutions can help ensure mining safety and reliability for Huainan Group," said Dinesh Paliwal, head of ABB's Automation Technologies division. "This follow-on order reinforces our successful partnership for productivity and energy conservation."

Early this year, Huainan Mining Group placed an order with ABB to supply electrical equipment for two production hoists equipped with ACS 6000 SD drive systems and two AC800M hoist control systems. The order also included four complete brake systems for two production and two service hoists.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility and industry customers to improve performance while lowering environmental impact. The ABB Group of companies operates in around 100 countries and employs about 103,000 people.

For more information please contact:

Media relations :

ABB Corporate Communications, Zürich
Wolfram Eberhardt
Tel: +41 43 317 65 68
Fax: +41 43 317 79 58
Media.relations@ch.abb.com

Investor Relations :

Switzerland : Tel +41 43 317 3804
Sweden : Tel +46 21 325 719
USA : Tel +1 203 750 7743
Investor.relations@ch.abb.com