

ABB launches new hoist assessment service 'Hoist Performance Fingerprint'

Structured and customized concept of new Hoist Performance Fingerprint helps mining customers reduce maintenance costs and improve safety and asset performance

Johannesburg, South Africa, November 20, 2014 – ABB, the leading power and automation technology group, has launched a new service product called Hoist Performance Fingerprint to help its customers assess and optimize the condition of their mine hoists. It consists of a structured audit of complete hoist systems – covering all electrical and mechanical parts to ensure reliable and safe hoist operation.

Hoist Performance Fingerprint is a consulting and audit service developed and performed by highly experienced ABB service experts. The entire hoist system is assessed, analyzed and tested using high quality data collected from over 20 pre-defined points and a structured tailored analysis tool. This data forms the backbone for any further analysis done after leaving the site. All results, findings as well as corresponding recommendations for optimizations and improvements, are then presented to the customer in a detailed report for follow-up.

“The Hoist Performance Fingerprint is a cost-effective service that provides diagnostics, key findings and recommendations in less than a week,” said Remy Lanoue, Global Head of Service Mining, “By assessing and analyzing all electrical and mechanical parts of the hoist system we offer our customers a comprehensive service solution from a single source. This holistic concept is unique in the underground mining market.”

A mine hoist system is an intensive and important carrier in the mining process. It is not only essential to keep production running, it also transports mining staff below ground. Therefore, its reliable and safe operation is key for mine operators, particularly, as many countries have special legislative requirements in place defined by the respective mining authorities. The expert concept of the new Hoist Performance Fingerprint ensures that all these requirements are met allowing customers to focus on their daily business.

ABB has a proven expertise in the underground mining business: ABB experts can engineer, deliver, install and perform services for entire mechanical and electrical mine hoist systems of all types — friction hoists, single- and double-drum hoists. Since the first hoist system was delivered in 1937, more than 700 ABB units have been installed all over the world.

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 145,000 people.

For help with any technical terms in this release, please go to: www.abb.com/glossary

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For more information about this product:

<http://www.abb.com/industries/db0003db002806/68da1b15e614fc37c1257b24004b5c22.aspx>



Hoist Performance Fingerprint — expert hoist condition check

Customer concerns

- Will the hoist always stop safely?
- Is the hoist's production cycle set at optimum rate?
- Does the operator know the performance of the individual brake units?

ABB's solution

A comprehensive, structured and customized system inspection concept to ensure the hoist system runs at an optimal level

Features

- Hoist equipment (electrical and mechanical) condition assessment and testing
- Report including identified gaps, possible risks as well as recommendations for improvements

Benefits

- Improved system availability and reliability
- Reduced downtime as electrical and mechanical inspections are performed simultaneously
- Compliance with local legal requirements

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