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**FOR IMMEDIATE RELEASE**

**Haver & Boecker Niagara Expands Pulse Portfolio with**

**Pulse Condition Monitoring**

**Pedro Leopoldo, Brazil** (Sept. 16, 2020) — [**Haver & Boecker Niagara**](http://www.havercanada.com/)launches a new addition to their Pulse portfolio with the introduction of Pulse Condition Monitoring (Pulse CM). The technology is designed to monitor the health of vibrating screens using modern algorithms and artificial intelligence. It provides accurate measurements and forecasts complemented by information that is easy to understand. Pulse CM is a wireless diagnostics tool that helps mineral processing operations be proactive, rather than reactive, when it comes to maintenance efforts. This leads to increased efficiency, decreased downtime and improved reliability.

“Haver & Boecker Niagara has a history of developing solutions to help producers increase their uptime,” said Thiago Buoso, Haver & Boecker Niagara project and sales engineer. “Unexpected downtime is a huge source of lost revenue for producers, so we aim to create products and technology that prevent that. Additionally, there is a lack of reliable systems like this on the market. Pulse Condition Monitoring is the most detailed, accurate monitoring system available to customers.”

Pulse Condition Monitoring is the next level in the Pulse portfolio, accompanying the company’s [Pulse Vibration Analysis](https://havercanada.com/vibration-analysis/). Similar to Pulse Vibration Analysis, the Pulse CM system analyzes data to help users get the most of their equipment. Unlike Pulse Vibration Analysis, Pulse CM uses predictive data and artificial intelligence to assist with maintenance and production planning, helping to prevent unwanted downtime or even catastrophic failures.

The system captures real time information on monitored equipment and provides alerts via e-mail when it detects the first sign of potential problems. By constantly monitoring the accelerations of the vibration screen, Pulse CM provides a forecast of the equipment’s dynamic condition in future times of 48 hours, 5 days and 4 weeks. The system detects anomalies that will point an operation’s maintenance team to specific areas of the equipment that may require attention. With consistent use, Pulse CM will accurately point out and predict critical issues and advise when to schedule maintenance, along with what to focus on during that planned downtime.

To collect all data from the body and drive components, Pulse CM is equipped with a gateway that can connect with up to 20 wireless sensors, within a radius of up to 246 feet (75 meters). Using a cellular signal or Wi-Fi from the plant, it will send all data to the Haver & Boecker Niagara cloud, available through the company’s web app. The sensor configurations are customizable and placed on both the body and bearings of the vibrating screen. The gateway can also be positioned between two screens operating in close proximity to one another.

Haver & Boecker Niagara’s accompanying app displays all the information in an easy-to-use portal, providing users a full overview of equipment in real time. They can access detailed information specific to each of the body and bearing sensors in order to identify the equipment’s operating condition and health of each component.

To learn more about Haver & Boecker Niagara products and services visit [www.haverniagara.com.br](http://www.haverniagara.com.br).

**About Haver & Boecker Niagara**

Haver & Boecker Niagara is a leading provider in screening, pelletizing and mineral processing plants and systems. The company’s mission is to deliver the best of these technologies to customers in the mining, minerals, aggregates, cement, building products, fertilizer and salt industries. With deep roots and years of experience in these industries, Haver & Boecker Niagara uses its innovative and shared technologies to effectively meet the needs of customers around the world.

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**IMAGE**: Haver&BoeckerNiagara\_PulseConditionMonitoring.jpg

**Caption**: Pulse Condition Monitoring is designed to monitor the health of vibrating screens using modern algorithms and artificial intelligence. It provides accurate measurements and forecasts complemented by information that is easy to understand.

**Suggested Keywords:**

Haver & Boecker Niagara, Aggregates, Mining, Mineral Processing, Pulse, Pulse Condition Monitoring

**Suggested Social Media Post:** *@Haver & Boecker Niagara*’s Pulse Condition Monitoring is a diagnostic tool that helps mineral processing operations be proactive, rather than reactive, when it comes to maintenance efforts. This leads to increased efficiency, decreased downtime and improved reliability. {Insert Link & Photo}