

Services

MINING

Condition monitoring for optimum operations

In an extremely tough economic climate, condition monitoring is gaining momentum in the mining industry as a cost-saving option that enables plant operators to monitor equipment output, pre-empt failures and capture valuable long-term data on plant performance. While conventional condition monitoring tracks a specific parameter of condition to identify a change indicative of a developing fault, vibrating equipment specialist Joest adds advanced testing and measuring technology to the mix, helping customers achieve a continuous supply of quality production tonnage, while protecting company assets and reducing the total cost of ownership.

Theresa Walton, general manager service at Joest, said, "Our activities in this area are focused on mitigating the risks associated with each unique customer plant. We differentiate ourselves in the marketplace not only through the quality of our products, but also by the high level of service we offer and by the advanced testing and measurement technology we have developed."

Joest tailors its test and measurement technology to suit each

customer's specific needs, taking into account skills levels at the plant, as well as production and quality requirements, and linking these factors to existing systems. Based on this customised approach, the company is in the process of installing sensors on its equipment at several customer plants.

"However, installing dozens of sensors doesn't take away from the need to maintain the equipment to operate within its specifications and to refurbish it within appropriate cycles," the general manager said.

Joest provides a full spectrum of service capabilities, from periodic on-site service calls, to full on-site maintenance for the life of the equipment. It is one of the largest South African owned and operated OEMs supplying custom designed vibratory equipment solutions for a broad spectrum of duties to Africa's bulk materials handling market. Joest's specialist capabilities are reflected in its track record of long standing installations operating efficiently year after year in the continent's most arduous conditions. ■

