Metris
ANDRITZ Digital Solutions

SENSING WEAR LEVEL TO INCREASE PLANT UPTIME

METRIS DryQ SENSING SEALING LIP

The Metris DryQ sensing sealing lip is able to model its wear status and thus enables the use of predictive maintenance to increase plant uptime.

The advantages supplied by the DryQ sensing sealing lip include an increase in system uptime, shorter maintenance periods, and predictive maintenance based on the wear status of the sealing lip. Furthermore, the system contains an automated process for ordering a replacement part in good time.

Highest uptime is of paramount importance in order to operate pulp production equipment in a sustainable and economical way. That is why sealing lips, which are wear parts, are normally replaced at regular intervals.

ANDRITZ has improved the situation by developing the DryQ sensing sealing lip that detects its wear level and reports it to the customer's control system. It operates via a sensor strip embedded in the special carbon fiber sealing lip that delivers information on the sealing lip's current condition. This enables maintenance stops to be planned optimally and with the lowest risk.

The sensor features a visualization of the current wear status, including a prediction of the end-of-life that is achieved by combining its own data with the relevant machine information. This information can be exchanged with a customer distributed control system via standard interfaces.

METRIS DryQ – DIGITAL PULP DRYING SOLUTIONS

ANDRITZ offers a broad and constantly growing range of digital products and services that help customers enhance plant efficiency, profitability, and ecological footprint through resource optimization, constant achievement of the expected product quality, increases in production uptime, and operator-friendly interfaces. Metris DryQ offers this range of digital pulp drying solutions in the form of Smart and Autonomous Systems, Analytic Solutions, and Connect-to-Expert support, fully specific to the customer needs.

FOR FURTHER INFORMATION, PLEASE CONTACT US:
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