

ABB MEASUREMENT & ANALYTICS | PRODUCT GUIDE

ABB Ability Health Check for stressometer flatness control



Get the competitive edge through the Stressometer flatness control health check.

Measurement made easy

ABB Ability™ – Comprehensive health check service for high measurement accuracy and flatness performance

Overview

Evaluate performance and identify possibilities to enhance the flatness control. Stressometer flatness control health check is a detailed and comprehensive evaluation of a Stressometer flatness control system. It is a key service for maintaining high measurement accuracy and flatness performance leading to optimal quality and yield.

Findings from the health check service are evaluated using the Quality Analysis tool and documented in a Stressometer flatness control Health Check report that can be used to enhance mill performance and yield.

Features

- Valid for Stressometer System 7.0 and later.
- Verify roll alignment and make recommendations for correction if needed.
- Check dynamic effects on the measurement and make recommendations for correction and compensation if needed.

- Check thickness profiles of typical strips and make recommendations for flatness control improvements.
- Check cooling system performance and make recommendations for optimization.
- Check flatness influence from the shape of the work rolls – make recommendations for improvements.
- Check of mechanical actuators make recommendations for optimal performance from minimum to maximum rolling speed.

Benefits

- Secure best possible long-term performanc and reliability of the Stressometer control system.
- Increases control system utilization and production yield.
- Detect malfunctioning actuators.



Sample screens from ABB's Quality Analysis tool.

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Service duration

Stressometer flatness control health check:

- typical 3 days on-site
- additional time for travel, preparation, analysis and reporting is needed

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For more information visit:

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