

Periodic Machinery Audits

Solution Overview

Machinery Health Audits can be scheduled periodically (ie., daily, weekly, monthly, etc) and can be performed either onsite or remotely.

The Machine Health audit focuses on two distinct areas for health audit, the health of the machine and the health and potential effectiveness of the condition monitoring system.

To carry out a machine audit, the assessing engineer will refer to the baseline audit (see SSA Fact Sheet SSA03) and any subsequent audits since the initial baseline. The resulting report will identify changes from the baseline and document any machine health related alarms since the previous audit.

By reviewing the Event Manager for the machine, the engineer will look for instrument and communication related problems in addition to spurious or nuisance alarms (alarms that require no action, often repetitive).

Depending on the time available and with customer approval, the engineer can make changes to the system configuration per his recommendations.

For remote audits, a teleconference call using a screen sharing program may be arranged with the customer to discuss audit findings.

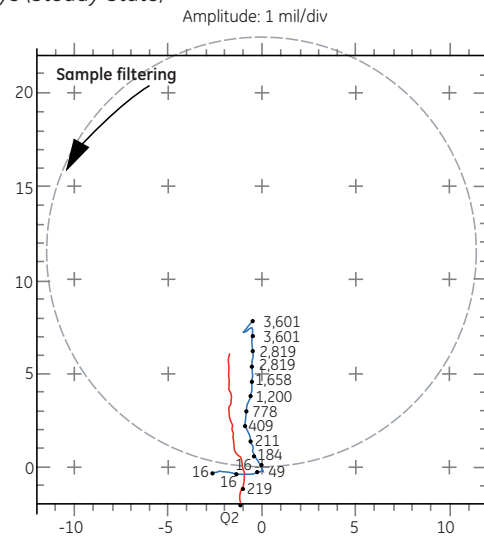
Value

Improved Availability/Reduces Downtime – By periodically reviewing the machine health and the potential effectiveness of the condition monitoring system, changes can be identified and reported at an early stage; allowing for potential changes in operation to be implemented that may alleviate the symptoms where possible; alternatively enabling scheduling of maintenance actions and activities at the optimum time.



Reference Data Use

Overlays (Steady State)



Audit Trail - Should any of the above actions occur, an auditable workflow will be triggered in GE Bently Nevada's document management system to document all actions and recommendations. The workflows are accessible through the SSA Web Portal and provide stored and provide a historical reference of all actions and recommendations to assist with future decision making.

For more information, contact your GE Energy sales representative:

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