

Preventive Maintenance

Service product description

Installed drives are maintained according to planned schedules, thereby controlling maintenance costs and optimizing lifetime performance. Maintenance using genuine Preventive Maintenance kits is carried out following all safety and environment requirements, leading to consistently flawless and safe drive and process operation.

Value to customer

- Drive availability is optimized and the risk of unexpected shutdowns minimized by performing preventive maintenance actions in a timely and professional manner.
- Annual inspections and replacements are carried out by highly trained engineers in accordance with detailed, product-specific maintenance schedules.
- Planned preventive maintenance actions control drive lifetime maintenance costs and help avoid unexpected losses.

Service includes

Preparation for work

- Checking drive data in the ABB database – previously unregistered drives will be registered.
- Purchasing and delivering selected Preventive Maintenance kits in advance of the planned and agreed shutdown.

On-site work

- Completing risk assessment. Note! The work is performed both with and without the main voltage applied.

- Inspecting drives for dust ingress, corrosion and temperature
- Detailed maintenance according to the product-specific maintenance schedule including:
 - Inspecting terminals, connectors and cables
 - Cleaning heatsinks with pressurized air and/or an ESD vacuum cleaner, replacing air filters
 - Inspecting and replacing air cooling fans
 - Inspecting and replacing cooling liquid pumps (water-cooled units)
 - Cleaning heat exchangers (water-cooled units)
 - Replacing capacitors, control boards and other Preventive Maintenance kit-related components included in the maintenance program in question. Replaced components are marked with “R” in the maintenance schedule.
- Backup files, if applicable
- Test run, if applicable

Follow-up

- A detailed service report including maintenance recommendations for future actions is provided.
- The report is delivered in PDF format.



For more information, please contact your local ABB representative or visit:

www.abb.com/drives
www.abb.com/searchchannels

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB. Copyright © 2018 ABB. All rights reserved

Service does not include

- Repair work and spare parts for repair, which will be charged according to the valid price list.
- Waiting time and any extra work caused due to the actions of the customer
- Upgrades and updates

Product coverage

- The service is available for drives in life cycle phases Active and Classic.

Customer responsibilities

- Advanced maintenance planning to reserve maintenance resources and service parts
- Providing all available information about the equipment's maintenance history
- Providing a site health and safety introduction and work permits

- Providing electrically qualified personnel when assistance is required
- Ensuring that the working area is safe
- Delivering maintenance materials to the installation location
- Providing assistance in moving and lifting heavy objects
- Providing access to the equipment during the maintenance work
- Enabling test runs to take place under the drive's normal conditions

Other terms

- According to the agreement between ABB and the customer
- When necessary, the customer is responsible for implementing actions identified in the service report.



For more information, please contact your local ABB representative or visit:

www.abb.com/drives
www.abb.com/searchchannels

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB. Copyright © 2018 ABB
All rights reserved