



# PREVENTIVE MAINTENANCE FOR SFC/SEE DRIVES

Reduce maintenance cost and risk of unplanned outages and extend the lifetime of the system

## REDUCING RISK OF UNPLANNED OUTAGES

Any unplanned outage of your asset will significantly impact the operations of the plant, mending these outages will consume a lot of cost and time.

Power Conversion, a business of GE Vernova with its years of experience in design and manufacturing of critical electrical equipment has a structured preventive maintenance program to suit the operational requirements of your plants SFC & SEE's.

Our SFC & SEE maintenance programs are tailored to ensure maximum availability of the asset. Power Conversion will also maintain records of all functional parameters and spares requirements.

Through the program, Power Conversion will identify the obsolete parts and will intimate the customer of its replacement.

## PREVENTIVE MAINTENANCE PROGRAMS

Systematic regular maintenance of drives ensures their efficient operation and reduces failures. We offer structured inspections and planned maintenance programs from our technical specialized team geared to the operating environment of the drives, to ensure that the cost of maintenance and risk of failures are reduced. We offer two types of preventive maintenance programs:

- **Preventive Performance Maintenance** (Annual), including basic visual inspections and performance checks of drives.
- **Preventive Major Maintenance** (once every 5/10 years), including advanced visual inspections and performance checks of drives and systematic replacement of components.

## CONTACT US

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## PREVENTIVE MAINTENANCE PROGRAM FEATURES

Power Conversion's preventive maintenance programs are tailored to suit your application and needs. Our field service experts will carry out inspections and performance checks on drives quickly and effectively in a short space of time at your convenience. We will also work with you to understand historic maintenance, environmental conditions, budget and operational constraints and business imperatives. All the lessons-learned along with the actual development standards that can be applied to your system can be used to enhance the drive performance.

During the preventive maintenance service, we will:

- **Perform and record preventive actions** according to a prescribed schedule of checks and tests appropriate to the drive.
- **Identify safety critical issues.** Safety critical problems will be brought to your attention immediately and a resolution proposed. Power Conversion will provide prioritized dispatch of parts needed to resolve such issues and if necessary, the field service engineer will remain on site or return to site to supervise the solution.
- **Identify operational critical issues.** Deterioration in performance or critical items affecting reliability will be brought to customer's attention and recorded in the maintenance report.
- **Audit and record inventory** of spare parts.



After the preventive maintenance service, we will issue a maintenance report, document the status of the drive values (to compare thyristor health in future maintenance plans) and will recommend:

Critical spare parts: provide a list of the spare parts you should consider holding.

- Preventive Major Maintenance (once every 5/10 years), including advanced visual inspections and performance checks of drives and systematic replacement of components.
- Replacement parts: suggest details of obsolete parts, which you may wish to plan to replace.
- Upgrade packages: we will propose upgrades appropriate to your equipment and circumstances.