



# Rotating Machines Health Check & Inspection

Proactive lifecycle planning, reduce maintenance costs & unplanned outages



## GE EXPERT SERVICE PROGRAMS

GE has over 100 years experience in developing and building rotating machines and maintaining them in some of the most challenging environments around the world.

Our product ranges cover from small units to custom-made large units. We support thousands of our rotating machines installed worldwide as part of a planned maintenance and help them get back online when there is an unplanned outage.

Our fully trained and highly experienced field service experts provide expert onsite support. We can carry out repairs and upgrades, adding new controls or functionality and keeping customer's equipment performing.

## ROTATING MACHINE INSPECTIONS

GE can assess customer maintenance status through our service health check program, assisting you with a fleet knowledge based maintenance strategy, specific to your equipment, that will help you reduce unplanned outages and optimize maintenance costs.

We will develop a program of recommended periodic inspections and maintenance that will help to detect potential failures and take preventive measures.

Our **TIMSA\*** service can be added to provide a detailed non-invasive test of important aspects of the condition of your rotating machine such as insulation degradation.

**\*TIMSA - Test & Inspection for Motor Status Assessment**  
(Please refer factsheet reference GEA33506 A for more details)

## ROTATING MACHINE HEALTH CHECKS

Through the health check programs, we review your present equipment maintenance strategies and identify potential weaknesses. Features:

- GE can carry out the **non-invasive inspection** of your equipment when it is running. We work with you closely to understand the historic maintenance, environmental conditions, operational constraints, budget constraints and business imperatives.
- Our field service experts cover both GE and non-GE equipment.
- We **detect safety critical issues** on your equipment, brought to your attention before proposing solution. We provide a prioritized dispatch of parts needed, and retain our field service engineer available on site or return to site to supervise the solution if required.
- We **identify operational critical issues** – deterioration in performance or critical items affecting reliability.
- After health check, GE will provide you a detailed report with recommendations that include a **preventive maintenance plan**, a list of **critical spare parts** for you to consider and **upgrade packages** appropriate to your equipment to manage obsolescence.

## PLANNED MAINTENANCE SUPPORT

We follow a recommended set of planned inspections for our customers, based on their unit health and criticality. From the results of these inspections, we will provide planned maintenance recommendations to protect your equipment, ensure an efficient operating environment, enhance productivity, and reduce risks of unplanned outages. GE can support you to carry out these activities, or even undertake all the work for you.

For planning and implementing these service works, customers can rely on our expertise. We will help you understand what proactive actions can help optimize your repair activities and spare parts management.

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