

AFTER COVID-19: Mitigating Your Technical Equipment & Electrical Failure

As businesses across the globe resume operations following COVID-19 shutdowns, it is not only important to follow specified equipment maintenance guidelines, but it is equally important to execute on a detailed start-up plan. This will ensure that equipment and electrical installations are powered on safely and production can resume.

AREPA offers a series of services to help businesses reduce operational risks and re-open safely.

SHUTDOWN & TURNAROUND INSPECTION

Identify operational and business risks:

- Environmental contaminants within production lines, machinery and electronic control panels.
- Fires due to electrical short-circuiting, loose connections, and arc flashes caused by elevated moisture.
- Loss of computer or controller software settings as a result of a depleted battery backup.
- Failure due to blocked ventilation or cooling systems.

CORROSION & CONDUCTIVITY RISK ASSESSMENT

Ensure electrical installations and equipment are free of corrosive contaminants and residual chemical by-products from COVID-19 disinfection techniques, including fogging.

- AREPA measures and monitors the environmental conditions of technical and electrical installations, server rooms and other equipment.
- AREPA will analyze the conditions and advise on the measures to be taken in a recovery plan.
- As facilities prepare to resume operations, many cleaning and disinfectant products are being used. AREPA will secure analytical wipe samples to determine if the disinfectants that settled on sensitive electronic modules are benign or corrosive.

DECONTAMINATION & RECONDITIONING OF EQUIPMENT, ELECTRONICS & ELECTRICAL INSTALLATIONS

AREPA is a global company that employs professional decontamination techniques to mitigate sensitive equipment deterioration within complex technical installations. AREPA ensures that post decontamination, equipment will meet industry standards adhered to by original equipment manufacturers.