



## CAPACITOR REFORMING

### OVERVIEW



Variable Frequency Drives (VFDs) use electrolytic capacitors in their construction. If these capacitors have not had voltage applied for 2 years\* and have been in storage, this may allow a discharge of the internal capacitors.

The AIMM Services capacitor reforming service allows for a careful addition of voltage over a period of time to your VFD capacitors which helps ensure they will work when the drive is powered up.\*\*

### BENEFITS

- ✓ Ensure the critical VFD spares you have are install-ready
- ✓ Comply with manufacturer-recommended specifications for stored drives
- ✓ Decrease unplanned downtime

### STATEMENT OF WORK

During the capacitor reforming service a reformer will be connected to the DC bus on the VFD. The reformer will measure the capacitance level and recharge the capacitor to a specified capacitance.\*

The capacitor reforming service can be completed at your facility or at your local Industrial Solutions Network location. An AIMM technician is available to supervise the full capacitor reforming process upon request.

\* Maintenance schedules may vary. Please refer to your drive manufacturer's maintenance manual.

\*\* Some capacitors may not be reformable. Where a capacitor can be reformed this process will increase the capacitance of the capacitor.

## STATEMENT OF WORK CONTINUED

The reforming time varies and is dependent on the size of the VFD as well as the length of time it has been stored and can take between 30 minutes and 8 hours. After the service is complete our technician will apply a service sticker to the VFD box that lists the recommended date of next service.

## HOW TO ORDER SERVICE

For more information or to order a Capacitor Reforming service please contact your local distributor or AIMM Services representative.

For more information about AIMM Services and their other service offerings visit [aimm-services.com](http://aimm-services.com).

\* If the capacitor does not reform to manufacturer standards the drive will need replaced. We will advise you of the status of your drive at the end of service.

