



# Scope of Work: Preventative Maintenance

## Work to be Performed

A qualified Cos Phi technician shall perform the following:

- Fuse check – size, type, functionality
- Capacitor check – measure current or Farads to determine capacitor health
- Termination check – tighten screws, lugs, etc.
- Voltage check - measure supply voltage and capacitor step voltage
- Fan and vent check – check fan functionality, replace filter material, check for vent blockage
- Ground check – continuity check on enclosure ground circuit
- Controller check – check controller for functionality and PF setpoint
- Visual check – Check for signs of damage by heat, arc flash, etc.
- Removal of dirt and debris that could cause a hazardous situation

All measurements will be documented for future comparison.

## Report

A report will be provided in a timely manner after the preventative maintenance is complete. This report will contain the following:

- Measurements
- Summary of checks
- Recommendations
- Quote for parts if applicable

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Cos Phi technicians all have a college diploma related to the electrical engineering field are trained in arc flash, lockout/tagout, working at heights, WHMIS, and first aid.