Cos Phi
Power Factor & Power Quality Specialists

Preventative Maintenance

Just like an automobile, your power factor correction bank requires regular maintenance to ensure that it is operating optimally. This maintenance should be conducted on a regular basis (usually annually for existing banks and at least twice for the first year of a newly installed bank occurring at six month intervals).

Some factors that may have adverse effects in the operation of your bank that occur naturally include:

- Loose connections – Can lead to arcing and catastrophic damage to the APFC
- Failed Fuses – indicate a problem with a step in the bank or with the bank as a whole
- Failing Capacitors due to their natural or un-natural life span – reduce amount of kVAR being injected into the system.
- Dust and Dirt (depending on the location of installation) – known to cause arcing and catastrophic damage to the APFC.

Benefits

- Optimal operation of the APFC or PFC bank
- Ensures avoidance of penalties due to poor power factor
- Helps to lengthen life of electrical equipment on the system
- Help to reduce your carbon footprint

Maintenance Service of Auto Switching Power Factor Correction Banks Includes:

- Panel performance test report (Volt, Amp., Power Factor).
- Check wiring, connection points etc.
- Check condition of components, replace if necessary.
- Check power factor setting, calibrate set values.
- Check power and control fuses.
- General cleaning.

151 Richmond St. S.W., P.O. Box 519, Hensall, ON N0M 1X0
P: 519.262.2822 | F: 519.262.2310 | www.cosphi.com