

Maintenance Schedule

Every Three Months:

The air filters need to be cleaned. If after the first three months the air filters were not found to be dirty, the time period between cleanings can be extended to six months. Follow the procedure below for correct cleaning of filters:

1. Take air filters out of enclosure and vacuum both sides.
2. Rinse under warm water until the water runs clear.
3. Shake filters to remove excess water.
4. Allow to completely air dry before reinserting filters. (Approximately twenty-four hours.)

Note: Castle Power Solutions, LLC suggests purchasing an extra set of air filters to swap out while one set is being cleaned. If you are interested in doing this, please call or email us and we would be happy to help place an order for you.

Once a Year:

Turn off power to capacitor bank and follow key interlock procedure opening the main disconnect and closing the grounding switch. Open the doors to the cabinet and inspect the following:

1. Conductors:
Inspect the conductors for signs of over-heating.
2. Lugs:
Inspect heat shrink for signs of wear which could indicate improperly crimped lugs.
3. Low Voltage Controls Enclosures:
The enclosures will be inspected for water leaks.
The components will be inspected for signs of overheating.
4. Power Capacitor Units:
The bushings will be inspected for oil leaks.
The cases will be inspected for excessive bulging.
5. Iron Core Reactors:
Each winding will be inspected for signs of over-heating.
6. Fans:
With the door open push down on contactor to fan with and insulated screwdriver to ensure the fan turns on.