



Service & Maintenance of Power Factor Correction Equipment

Capacitors are **NOT** maintenance free and should be checked and tested at least once per annum: Servicing may be required on a more frequent basis subject to environmental conditions. Please contact VAR if advice is required.

Some functional parts will require more frequent simple checks i.e. Contactors, fans, etc.

Knowledge and understanding of the normal working condition of the unit in conjunction with regular servicing will prolong the life of your equipment. It will also provide identification of equipment problems should they arise, prevent major breakdowns, prevent financial loss and/or the possibility of incoming supply failures.

General

The details provided below are intended as a guide to assist with capacitor servicing & maintenance. All normal safe-working practices should still be adhered to. Electricity is dangerous and can kill, please ensure that a fully competent and qualified electrician carries out work. If advice is required regarding any aspect of this work please do not hesitate to contact VAR.

Service information and records should include the following where applicable:

- Identification of equipment: Type, Rating, No. of capacitor steps
- Functionality test of equipment: Operational checks
- Isolation check: Safe operation of isolators etc.
- Discharge test: Full discharge after 1 min.
- Main and control fuse tests: State of fuses
- Microfarad test: Output of individual capacitors
- Contactors operations: Correct operation, noises, vibrations, and coils. Signs of stress/heating
- H/O/A switch & lamp operations: Correct operation
- Power & control connections: Tightness, Signs of stress/heating
- Control relay settings: Calibration check, Auto & Manual operations
- Louvers & Vents: Clear of obstruction
- Fans: Correct operation, Clear of obstruction, State of filter
- Thermal Controls, Trips & Alarms: Correct operation, Temperature check

Protect your investment with regular maintenance

PLEASE CONTACT VAR FOR MAINTENANCE CONTRACT DETAILS



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