

MAINTENANCE BROCHURE
HV Circuit Breakers



OUR HIGH VOLTAGE CIRCUIT BREAKER SERVICE INCLUDES:

HV Circuit Breakers (CB's) are electrically operated switches designed to protect your electrical circuits from damage. CB's have a variety of electro-mechanical moving parts and can suffer wear from normal operation and extended use caused by overload or short circuit faults. Regular Inspection and servicing is essential to ensure the reliability of your system and safe operation of the circuit breaker to protect your power systems:

- Auxiliary contact inspection, clean and torque
- Cluster inspection, clean and torque
- Contact resistance test
- Contact temperature test
- Contact inspection, clean and torque
- Dielectric oil breakdown test

- Current transformer functionality test
- Earth contact inspection, clean and torque
- Electrical wiring inspection and connection check
- Functionality test of charging motor, close, trip and under voltage coils
- General clean
- Insulation inspection and clean
- Insulation resistance test
- Lubrication of mechanism, linkages and springs Manual operational test
- Mechanical inspection, clean and torque
- Mechanical interlock inspection, check torque and test
- Protection relay test including trip time test
- Secondary contact inspection, clean and torque
- Shutter inspection, clean, torque and test
- Supply test report with recommendations
- Timing test

Contact us today to discuss this and our other services.

OUR EXPERIENCED ENGINEERS SERVICE AND TEST VARIOUS MAKES OF CB INCLUDING:

ABB
AEG
Apena
Alstom
Cutler Hammer

Crompton Parkinson
English Electric
GEC
Hundt and Weber
Merlin Gerin

Mitsubishi
Moeller
Nilsen
PDL
Yorkshire

Unelec
Reyrolle
Westinghouse
Siemens
COQ

