

## Bushing Monitors

Bushing monitors are installed on bushing cap taps to allow for on-line testing and monitoring. These allow for continuous monitoring or periodic testing of bushings without removing the bushing from service. Since the monitors replace the existing cap tap cover the user should insure proper fit of the monitor to prevent moisture ingress into the cap tap. A voltage is then brought from the monitor to an accessible area of the transformer to perform the monitoring. The user should consult with the manufacturer of the monitor to determine the voltage levels that are normally expected and the maximums that could be reached should the device fail. Operational guidelines can then be developed by the user to determine the level of safety requirements and experience of personnel who should have access to the devices.