

Condition Assessment of Power Cable

Course Code: TR-B-9 Duration: 1 day

- **Constructional features and Type of Cable**
 - Single conductor, Shielded and unshielded conductor.
 - Multiconductor, Shielded and unshielded conductor
 - Termination of XLPE cable
 -
- **Failure Pattern for XLPE Cable**
 - Failure path in XLPE cable
 - Effect of bad earthing and cable joints
- **Condition assessment of Cable**
 - Capacitance , Power Factor and Power factor tip-up Measurement
 - Interpretation, Trend monitoring & Limit values for different type of cable
 - Electrical Partial discharge test and location of fault in Cable
 - On line Acoustic Partial discharge test and location of Fault in Cable joints and Termination
 - Low frequency dielectric spectroscopy for moisture assessment.
 - Various Reasons of Cable failure
- **Investigation of Cable failure and finding of design, manufacturing weakness.**

CALL US ON +91-9374076950

EMAIL: rayaradhana@yahoo.com

LAXMI ASSOCIATES
VADODARA