

Basics of DP and Furan for oil-paper insulation of Power transformers, Current transformer and Bushings.

Course Code: TR-B-5, Duration: 1 day

- **Insulation system structure in Power transformer- An Overview**
- **Paper aging and its effect**
- **Solid Insulation and Cellulose degradation**
- **Furans- Chemical structure and causes**
- **Analysis of Furanic compound by ASTM Method D 5837 or IEC Method 61198.**
- **Factor Influencing the concentration and stability of Furanic compounds**
 - *Effects of oil degassing by partial vacuum*
 - *Effects of oil reclamation*
 - *Effects of oil replacement*
- **Basic theory of Degree of Polymerization (DP) and measurements**
- **Correlation between DP and Furan**
- **Understanding the Xue Chendong Equation and Its Limitations**
- **End of life criteria for DP**
- **Effect of operating temperature**
- **Case studies and Recommendation for analysis**

CALL US ON +91-9374076950

EMAIL: rayaradhana@yahoo.com

LAXMI ASSOCIATES
VADODARA