1. Course Details:

Course Code : EPET-001
Course Title : Electrical and Motor Control Circuits
Course Duration : 5 Days

2. Course Overview:

- Rapid progress in power plants and utilities leads to a parallel need in distributed control actions in different sites and environments. Advanced control systems have created the world's most advanced distribution automation suite, including designing, planning, management, and automatic feeder restoration. This course ranges from revision of power utilities needs for local and remote measurements and control for different sites, to the advanced robot manipulation and rapid action.

3. Learning Outcomes:

- Describe the principles behind the basics of selection, construction and operation of process control equipment

4. Course Contents:

- Introduction to electrical circuits
- Electrical components, standards and symbols
- Functions of industrial switchgear
- Flow measurement
- Level measurement
- Temperature measurement & Control
- Basic control principles
- Basic proportional control
- Reset of integral action
- Rate or derivative action
- Multiple control modes
- Typical negative feedback control schemes

5. Our Methodology:

- Make coaching and monitoring innovative and using modern
- Media training also using on the go training by using interactive means and focusing on

- The exercises, practical applications and real situations study.
- Live delivery method, instructor-led training.
- Experienced consultant, trainers, and professional.
- Qualified trainer with high-level experience

6. Attendance Reports:

- Send daily attendance reports to trainingdep
- Send full attendance report to training dep. by the end of thecourse
- Attend 100 % from the course days also providedaily
- Issue attendance certificate for participant who attend minimum 80% from the course duration

7. Pre/Post Reports:

- Pre- assessment before starting training.
- Post assessment after finish training
- Full report for the deferent between Pre-& Post assessment

8. Who Should Attend?

- Mechanical engineers
- Electrical engineers
- Technicians