KNOWLEDGE
For Training

1. Course Details:

Course Code : ICPE-002
Course Title : Advance Systems Control and Troubleshooting
Course Duration : 5 Days

2. Course Overview:

- To-day's automation solutions combine field instrumentation, smart field technologies, control systems, advance control applications, information systems, services and expertise to meet the process industries demanding needs. You must be fully capable of utilizing the technology in your process. This course will provide the solution to your employees to fully utilize your technology and applications.

3. Learning Outcomes:

- Participants will have a complete understanding of system overview and operation, architecture and features, system engineering, troubleshooting and maintenance
- Familiarize with troubleshooting and maintenance activities

4. Course Contents:

- What is DCS?
- Features of DCS
- DCS in Process Control
- Basics of Honeywell DCS (TPS/GUS and Experian)
- Basics of Yokogawa DCS (CS 3000)
- Basics of Emerson DCS (Delta V)
- DCS System architecture
- DCS Associated components (Marshalling cabinets–safety barriers and FTA etc.)
- Pre-commissioning activities
- DCS engineering operation
- DCS Configuration and Building control strategy
- Selection of DCS
- DCS Trends & reports, Graphic generation and understanding display

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?

- Designed for engineers and technicians responsible for the system selection, operation and maintenance of various DCS.