

The Sixth Dimension: Training



THE 6th DIMENSION

We provide comprehensive training programs, both onsite and office-based, tailored to meet our clients' specific needs. Our courses cover a wide range of topics, from basic system operation to advanced troubleshooting and maintenance. By equipping teams with essential skills and knowledge, we ensure they can effectively operate and maintain their automation systems.

IEC 61010

Safety requirements for Electrical equipment for Measurement in Laboratory use

Course Contents:

- Introduction of TÜV Rheinland.
 - Concept of Hazard, Risk and Safety
 - Understanding IEC 61010 series
 - IEC 61010 series brief history
 - IEC 61010 Scope (inclusions and exclusions)
 - Important terms
 - Marking and Documentation
 - Protection against Electric shock
 - Protection against Mechanical hazards
 - Resistance to Mechanical stress
 - Protection against spread of Fire
 - Temperature, Resistance to heat
 - Protection against hazards from Fluids
 - Radiation, Sonic & Ultrasonic pressure
 - Protection against Liberated gases, Explosion & Implosion
 - Components & Subassemblies, Interlocks
 - Any other hazards from applications & Risk Assessment
 - Test requirements
 - IEC 61326-1:Control and laboratory use – EMC requirements
 - Case study
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- Examination: Multiple choice questions, No negative marking.
 - Duration: 2 day (For both Online & Offline)