

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.

Function safety Training

Risk Assessment and Risk Reduction for Machinery

Applicable Standard: BS EN ISO 12100 - Safety of machinery - General Principles for design – Risk assessment and risk reduction.

Course Contents:

- Risk Assessment
 - Information on Risk Assessment
 - Determination of limits of machinery
 - Hazard identification
 - Risk estimation
 - Elements of risk
 - Risk evaluation
- Practical examples
 - Practical examples of risk assessment
 - Practical assessment of risk reduction and safeguarding
- Risk reduction
 - Inherently safe design measures
 - Consideration of geometrical factors and physical aspects
 - Choice of appropriate technology Provisions for stability
 - Provisions for maintainability
 - Applying inherently safe design measures to control systems
 - Limiting exposure to hazards
 - Safeguarding and complementary protective measures
- Examination: Multiple choice questions, No negative marking.
- Duration: 1 day (For both Online & Offline)