

Machine Safety Basics – 1 day

Course Agenda

- Introduction.
 - Trainer
 - Participants
- Machine safety standards and their relationship
 - ISO 12100
 - IEC 62061
 - ISO 13489
- Determination of limits of machinery.
- Hazard Identification.
- Risk Assessment.
- Risk reduction - Layers of protection.
- SIL Determination.
- Incident case study
- Question and answers & Homework.
- Concept of Safety-Related Control Functions (SRCF)
- Concept of Safety-Related Electrical Control System (SRECS)
- Complimentary protective measures.
- Markings, Warnings and signs for accident prevention.
- Personal Protective Equipment.
- Machine safety check list.
- Behavioral safety check list.
- Examination – 20 multiple choice questions, 2 marks each. No negative marking.

Session Timings: Tentative timings and can be mutually decided.

Session 1: 10:00 Am to 01:00 PM

Lunch break: 01:00 PM to 02:00 PM

Session 2: 02:00 PM Am to 05:00 PM