



Safety Services - Machine Safety

In today's fast paced business world, maintaining a safe production environment is essential to protecting a company's bottom line, employee's health and safety, along with a company's reputation and assets. At the same time a company must continue to meet production, quality and delivery demands.

Whether you are installing a new machine, modifying existing equipment, or taking a proactive approach to workplace safety Can-Technologies will help you to meet your machine and process safety challenges.

When designing a machine, the potential risks must be analysed and mediated. Where necessary, protective measures must be implemented to protect operators and other individuals from hazards such as crushing, shearing, cutting, snatching, clamping, trapping, perforation, pinching, puncturing etc. This process is known as Risk Assessment and Risk Reduction.



The following provides a basic outline for the process of performing a risk assessment and risk reduction for a machine or system.

- Define Machine Limits (Use/Space/Time/Environmental/Interface)
- Define Tasks on/by machine
- Define Hazards associated with each task
- Conduct a Risk Assessment based on each task and associated hazard in accordance with each applicable standard
- Develop and Implement Risk Reduction Strategies utilizing a hierarchical approach (Elimination/Substitution, Engineering Controls, Awareness, Training & Procedures, Personal Protective Equipment (PPE))
- Re-evaluation of risk

This is an iterative process that repeats until the residual risk is viewed as 'tolerable'.

Can-Technologies have the experience and the professional engineering expertise to deliver safety solutions for a machine, system or production line. Our commitment is to provide a "safety first" approach throughout the assessment, design, installation, commissioning, training, sign-off, Pre-Start Health & Safety Review (PHSR), documentation and training stages of each project.

Machine safety services and expertise include;

- Awareness Seminars
- Risk Assessment
- Risk Reduction
- Safety System Design
- Material Procurement
- Integration, Installation and Commissioning
- Pre-Start Health & Safety Review (PHSR)
- Validation and Sign Off
- Documentation
- Training
- On-Going Support & Safety Audits