

OMRON



Ensure compliance and
protect your people

Comprehensive machine safety services

Empowering People Through Automation

Advanced safety solutions from a trusted provider

At OMRON, we've spent decades supporting manufacturers and other industrial organizations as a safety solutions provider, and we've built a solid reputation for diligence and unmitigated excellence.

- Protect your employees from unnecessary risks
- Maintain compliance with safety standards
- Avoid incident-related costs such as regulatory fines, downtime, legal fees and increased OSHA inspections
- Harness advanced safety technologies to preserve your productivity

Holistic management for a safe manufacturing facility

The process of complying with regulatory requirements and providing a safe environment for your employees can be complex. To help you minimize risk on the plant floor, we help you develop a comprehensive strategy covering all aspects of machine safety.



Wide-ranging expertise to ensure compliance

Leverage our industry knowledge of both safety and industrial control, TÜV Certified Functional Safety Engineers as well as our strategic partners – to address your specific safety needs. With a team of highly trained safety specialists and a flexible solutions portfolio, we have the necessary capabilities to help you achieve compliance.



Global network with decades of experience

We take advantage of our worldwide presence to bring complete safety solutions straight to you.

- More than **30,000 machines** made safe
- **40+ years** of experience
- Operating in **110 countries**



Skill Building with OMRON

Help your team gain confidence in fundamental manufacturing skill sets such as functional safety. These training courses are designed for the non-safety specialists to provide a high-level overview of the general requirements and common practices. These courses are ideal for EHS personnel, plant maintenance and engineering teams, production managers, and any managers concerned with the safety of plant personnel.

Functional Safety Skill Builder

- Two-day training class that covers applicable regulatory requirements, machine safety risk identification and the application of safeguarding concepts
- Understand the requirements, methods and practical application of machine and process safeguarding followed by a risk assessment workshop
- Topics include general safety concepts, risk assessment process, requirements for fixed and moveable guards, review of common safety components (safety relays, light curtains, e-stops, etc) and their proper application
- Virtual learning options available

Functional Safety Skill Builder

- One-day training class that covers introduction to concepts of safety around robots in an industrial environment
- Understand the standards and regulations related to robot safety followed by examples of risk assessment and reduction around a robot work cell.
- Virtual learning options available



Visual lockout/tagout procedure services

Lockout/tagout (LOTO) problems are consistently among the top five violations for regulatory agencies in the Americas. Our experts can give you the necessary information and advice to help protect your people and you avoid citation.



What is LOTO, and why is it so important?

When your employees need to perform maintenance, repairs or adjustments (including line changeovers), you must keep them safe from hazardous machine motion. One way to do this and ensure their safety is to isolate and dissipate any hazardous energy sources.

Operators cannot be left to rely on their best guesses as to how to prevent machines from unexpectedly starting. You want your instructions to be clear, complete and easily accessible to all employees.

How OMRON can help

We incorporate regulatory requirements, industry best practices and pictures of your specific equipment to create visual lock out/tag out procedures that are compliant, functional and easy to use by your employees.

With our strategic partnership with the Brady Corporation, we're moving beyond traditional risk management methodologies to address the full range of machine safety needs.



Arc flash assessment services

When doing work on an energized panel, your employees need critical information to keep themselves and others safe from an arc flash. Regulatory requirements mandate that arc flash risk assessments must be refreshed every five years.



What is an arc flash?

An arc flash can be thought of as an explosion of electricity. The flash over of electric current from one conductor to another can result in a blast and extreme temperatures that can be fatal for anyone nearby.

Although high voltages are most likely to cause an arc flash, low voltages don't necessarily mean the situation is safe. For this reason, it's essential for manufacturers to get periodic risk assessments and implement thorough training to eliminate hazards.

Necessary measures to implement

Employees need to know the risks of an arc flash. Critical pieces of information provided by an arc flash assessment should include the appropriate distance to maintain and the correct personal protective equipment (PPE) to wear.

Equally important, this information needs to be on a clear, pre-printed label at the panel. Employees should not need to hunt for critical safety information before they work on a live electrical panel.

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