

Safety Solutions

Use our experience and know-how

- Complete Machine Safety Solutions — from Risk Assessment through full turn-key implementation.
- OSHA-aligned compliance with all major National and International Machine Safety Standards (ISO,ANSI, RIA, IEC, NFPA, etc.).
- Documented due diligence demonstrating compliance with ANSI B11.0-2023 Clause 5.
- Improved machine productivity through efficient, well-designed safety measures.
- Training for your staff to ensure the safest and most informed work environment possible.
- Industry-leading response times to keep your project moving on your schedule.



Risk Assessment



Safety Concept and Design



Implementation



Verification and Validation



Start-Up Support



Stop Time Measurement



Training



Risk Assessment

Used to identify hazards on industrial machines and reduce those hazards through suitable risk-reduction measures. It is the essential prerequisite for safe machine operation. In compliance with all domestic and international standards, Leuze provides one of the most comprehensive Risk Assessment services available worldwide.



Safety Concept and Design

The required measures for risk reduction are defined during the risk analysis. Based on these requirements, the safety concept and safety functions are developed. With our deep industry expertise and many years of practical safety experience, we create effective design proposals and support you throughout the planning process.



Implementation

Once the safety concept is defined, our team supports the practical installation, configuration, and integration of the required safety devices and control functions. We ensure that all safety measures are implemented correctly, efficiently, and in alignment with the approved design and applicable standards.



Verification and Validation

To avoid errors during implementation, the safety function design must be verified against the correct specifications. Performance of the safety functions is then validated through functional testing and error simulation. We support you in planning and conducting these activities, as well as preparing all required documentation.



Start-Up Support

Commissioning tasks can be extensive. Our experienced service technicians assist based on the application and devices used, allowing commissioning to be completed quickly and reliably. We also help minimize downtime during device replacement or changes in device type.



Stop Time Measurement

To calculate the required minimum distance between protective devices and dangerous movement, the stop time of the machine must be known. By **measuring the stop time**, we can properly place protective devices and, with regular inspections, any wear in components can be detected.



Training

Achieving machine safety goals and providing a safe workplace requires a well-trained staff. Leuze offers customizable training covering industry standards, best practices, risk assessment methodology, and product-specific safety device instruction. We can also tailor training programs to your organization's internal safety standards.

The Sensor People

Leuze electronic, Inc. | 2150 Northmont Parkway, Suite N
Duluth, GA 30096 | P: 470-508-3600 | leuze.com



800-569-9801 | info@evolutionmotion.com | evolutionmotion.com