Evolution MOTION SOLUTIONS

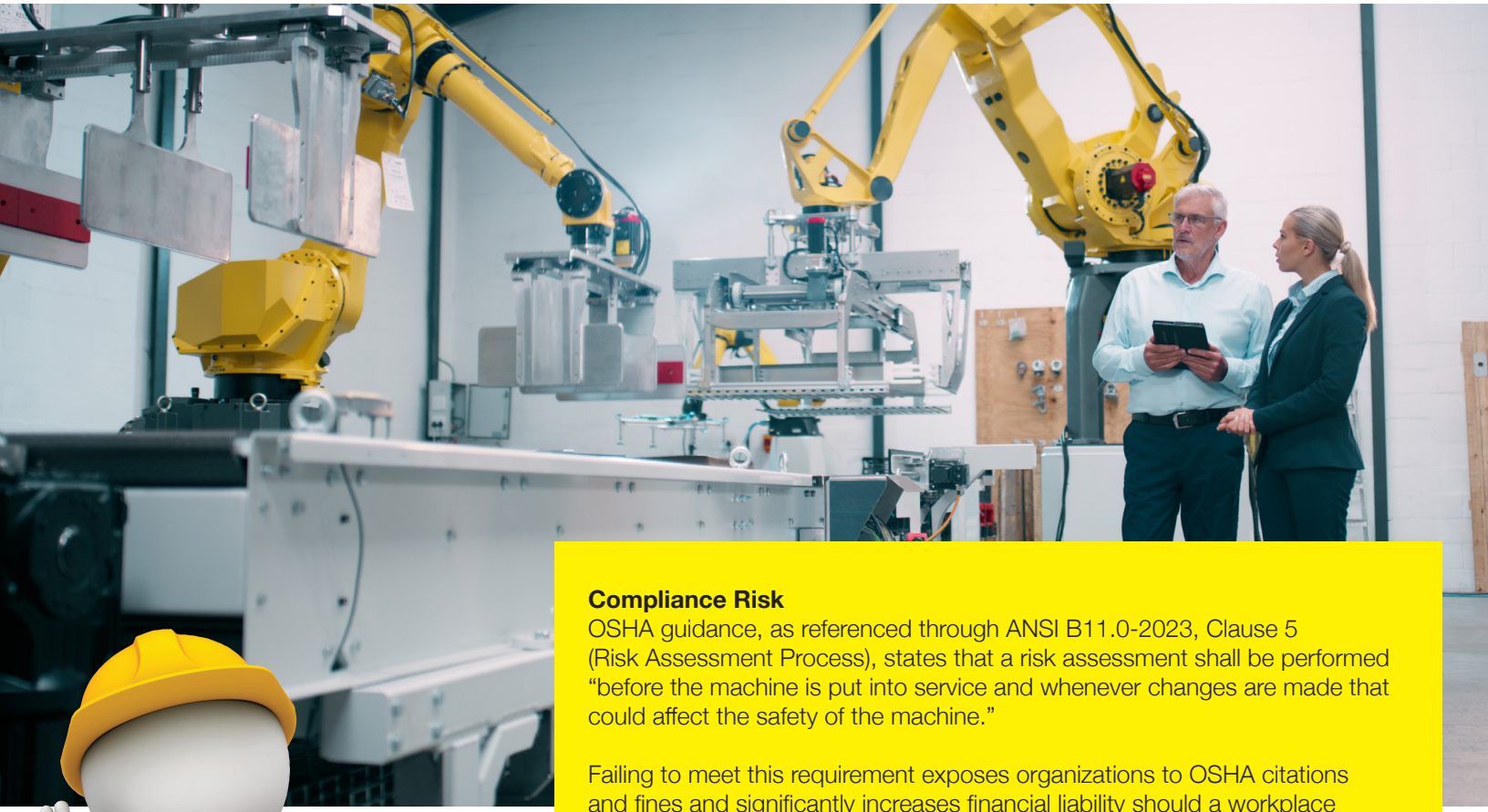
Leuze

Safety at Leuze

Risk Assessment

Why should Machinery Safety Risk Assessment be an important part of your Machine Safety planning and culture at your facility?

Risk Assessment must be at the core of any effective Machine Safety strategy. Without conducting a proper Risk Assessment in accordance with ANSI B11 or ISO 12100 on every piece of production machinery, organizations place both their employees and their business at unnecessary risk.



Compliance Risk
OSHA guidance, as referenced through ANSI B11.0-2023, Clause 5 (Risk Assessment Process), states that a risk assessment shall be performed "before the machine is put into service and whenever changes are made that could affect the safety of the machine."

Failing to meet this requirement exposes organizations to OSHA citations and fines and significantly increases financial liability should a workplace incident occur.

Employee Risk
Neglecting proper risk assessment practices puts employees at an increased risk of injury. Beyond the human cost, this can negatively impact overall safety culture, employee morale, insurance premiums, community reputation, and wage requirements. Additionally, preventable incidents often lead to machine downtime, lost productivity, and avoidable operational disruptions.

To learn more about how Leuze can help your company maintain compliance to all applicable local, state, and federal Machine Safety standards and maintain the safest work environment possible for your employees give us a call at (470) 508-3600 or scan the QR code.

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

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