



Machine safeguarding evaluation

Sustainable and independent risk assessment of your machine

CONSULTING AND DESIGN

SICK
Sensor Intelligence.



Product description

In times of ever-faster product changes, production systems are subjected to constant changes and adjustments. Machine users and safety personnel are faced with the challenge of ensuring the safety of their machines when they are modified, changed or linked.

With machine safeguarding evaluation, SICK supports system operators in this task. The service offers an overview of the current safety status of the machine and helps to determine the protective measures necessary for complying with legal requirements. Machine safeguarding evaluation by SICK is therefore the foundation for an effective and also economic protection concept for machines and plants.

At a glance

- Identification of electrical and mechanical hazards
- Risk assessment of identified hazards
- Evaluation of existing protective measures
- Recommendation of new or improvement of existing protective measures
- Consideration of valid provisions and regulations
- Service can be retrieved worldwide

Your benefits

- Detailed knowledge of the safety status of the machines
- Concrete statements on the urgency of improvement measures
- High flexibility thanks to product-neutral perspective
- Economic, well-thought-out recommendations for reducing detected risks
- Reduced effort when drafting safety concepts
- Enables simple and standard-compliant implementation of the recommended protective measures for safety technology
- Foundation for fulfilling due diligence with documented inspection of the machine
- Guaranteed quality thanks to standardized processes and sustainable competence management

Ordering information

Additional services → www.sick.com/Machine_safeguarding_evaluation

- **Product area:** Industrial Safety
- **Machine life cycle:** Operation

Implementation	Tasks	Tested operating modes	Recommendation	Documentation	Type	Part no.
Of the machine on-site	Identification of electrical and mechanical hazards, Risk estimation of all identified hazards, Naming of existing technical protective measures including functional test as well as non-safeguarded hazards, Estimation of the PLr for existing and recommended safety control measures, Identification and naming of apparently manipulated protective devices	All known	Recommendation of new or improvement of existing protective measures	Audited reported of the work results with reference to applicable standards and regulations including final discussion	Machine safeguarding evaluation Advanced	1611400
Of the machine on-site or based on image material	Identification of electrical and mechanical hazards, Risk estimation of all identified hazards, Naming of existing technical protective measures, Naming of non-safeguarded hazards, Identification and naming of apparently manipulated protective devices	All known	Recommendation of protective measures for non-safeguarded hazards	Audited report of the work results including final discussion	Machine safeguarding evaluation Standard	1611399
		Only Automatic	-	Final discussion	Machine safeguarding evaluation Basic	1611398

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com