

Risk Assessment and Risk Reduction Process Safety Education

SICK LifeTime Services Training Course



Description

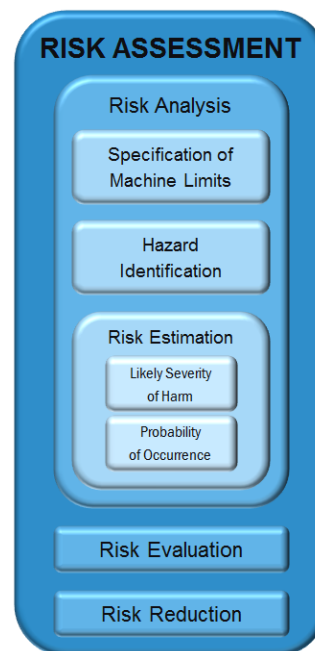
This course introduces the concepts of how to identify hazards, quantify risks and meet safe machinery standards. The basic components of performing a risk assessment will be investigated. Common risk scoring systems and their components will be reviewed. Safety standards terminology will be defined. A systematic approach to reducing risk will be explained. The course will present available resources for additional safety supplemental and standards information. The instructor will share presentations using either an online meeting tool, or when delivered at customer site or at the SICK North American Training Center, a hands on learning experience.

Objectives

- Factors of Risk
- The components of 'Risk Assessment'
 - Identification
 - Evaluation
 - Analysis
 - Estimation
 - Reduction
- Common risk scoring systems and their components
- Zero Risk vs. Acceptable / Tolerable Risk
- Reducing risk with the Hazard Control Hierarchy
- Available resources

Course Benefits

- Understand the basic elements of Risk Assessment and Risk Reduction to comply with safety standards
- Learn the iterative process to produce the most effective and cost efficient approach
- Become aware of common pitfalls when reducing risk to avoid unnecessary costs
- Acquire new approaches for reducing cost while reducing risk



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Target Audience

Technical Staff, Maintenance Managers, Integrators, Plant Engineers and Safety Committee Members

Prerequisites

- None

Recommended Additional Course

- None

Duration

8 Hours

Class Size

No maximum

Where Offered

- Customer site
- SICK North American Training Center
- Online meeting

Format

Presentation and class interaction

Testing Available

Yes

Customer Required Materials

None for training at customer site

For virtual training:

- Online meeting tool installed (if necessary) prior to attending

Logistics

The following must be made available for the duration of the training:

- A suitable training room/area

Failure to have the customer required material and/or logistics available may lead to ineffective training and may result in the class not being able to achieve the described objectives and course benefits.

Part Number

1065482

Travel expenses additional. Please contact SICK for information.

SICK Training & Education

From product training, start-up assistance, and engineering and consulting services — SICK provides the necessary support before and after field installation through an established network of field personnel. Training, service and support programs from SICK help you reach your goals with our innovative, cost-effective solutions.

SICK offers several types of training programs to help you learn more about our innovative products and systems. Many of our training modules offer hands-on, real-world application examples and problem-solving experiences. Please visit our website at <http://www.sickusa.com> for more information.