

Risk Assessment Services



Help Prevent Injuries By Performing Risk Assessments On Your Machines And Equipment!

Risk assessment is fundamental when it comes to machine and product design, as well as safety. You can't design away risk, safeguard a hazard, or warn about a risk unless you first assess it. A thorough risk assessment will identify potential hazards, score risk associated with each hazard and identify mitigation steps in order to reduce exposure and protect those who interact with your product during its lifecycle.

In real-world situations, risk assessments on your machines and equipment can play a vital role in identifying potential hazards and reducing risk challenges. Risk assessments are a powerful tool to support your safety strategy. You need an expert to review your strategy and ensure you are not only compliant but also preventing the worst-case scenarios.

Why Choose Our Machinery Risk Assessment Services?

Our team of ANSI and ISO standards-trained experts is standing by to assist with your machine risk assessment, whether at the concept stage of the product's design, during the final stage of design, on a final manufactured product, or after placement in the market.

Typical Risk Assessment Mistakes

We frequently encounter product manufacturers, across all different industries, who mistakenly fail to properly perform risk assessments.

Some Of The Traps That Manufacturers Consistently Fall Into Include:

- Not prioritizing risk assessments as the fundamental tool they are.
- Lack of use of a vetted process or today's best practices and standards.
- Failing to approach risk assessments systematically, both at various points in the product's design and go-to-market strategy, as well as integrating the findings throughout your safety program.
- Failing to revisit risk assessments on a regular, yearly basis to ensure continued accuracy.



What's Involved In A Risk Assessment?

Risk assessment is a process whereby hazards are identified, the severity of injury presented by each hazard is estimated, and the probability of occurrence of the injury is estimated. For risks that are considered “unacceptable” based on the standards, regulations, and laws that apply to the area at hand, safeguards or control measures are needed to reduce the risk. This involves either eliminating the hazards or controlling those risks that can't be eliminated in order to minimize injury and illness potential.

It's critical to follow a formal process for identifying hazards, analyzing risk associated with those hazards, and either eliminating the hazards or controlling the risk at hand. It allows for effective, consistent processes and outcomes to be established throughout your product safety strategy.

Our team of risk assessment consultants work with you to identify and document hazards which form what we call the risk register. Our risk assessments are based on the risk register because it is simplified and transparent.

The Risk Register Contains:

- ✓ All of the information about the identified hazards
- ✓ The location of the hazards
- ✓ The kinds of tasks that will put a person in proximity to the hazard
- ✓ An estimation of the probability of injury
- ✓ Details of the risk reduction methods used to control the person's risk exposure
- ✓ And a final estimation of the remaining risk

Risk control measures include inherently safe design techniques, safeguarding, and information for use like manuals, hazard warning signs, and labels.

Risk documentation should be as concise as possible. It should also be frequently audited and based on recognized methods, like those found in technical standards including ANSI B11.0, CSA Z432, and ISO 12100. Using scoring methods that are transparent and well documented will give third-parties confidence that the method is well-founded, eliminating questions regarding the methodology applied.

Clarity and transparency in the risk register can also be beneficial in the event that risk control measures must be explained in court. The benefit of a risk assessment in a liability case cannot be overemphasized.

GET STARTED TODAY!

Call Us At 877-748-0244