



# Global Machinery Safety Assessments. The prevention you need to keep your machines safe.

In an increasingly competitive world, production facilities must adapt quickly to new demands. This can mean setting up additional facilities in different countries, installing new machines or modifying existing production equipment. Corporations and their safety engineers are responsible for overseeing this ever changing landscape of safety regulations for new, outdated and modified machinery at the local and global levels. TÜV Rheinland's Machinery Safety Assessment provides a customized review of the current safety implementation that helps define and manage corporate safety strategies.

## FROM LOVE TO SAFETY.

According to the statistic report of German Statutory Accident Insurance (DGUV) 2017, the number of reported accidents (in Germany 2017) regarding operation of machinery were 41,667 and number of fatal accidents regarding operation of machinery were 35.\* Calculating the costs of accidents at work shows that investing in occupational safety and health are always of benefit for companies. Beside the moral obligation to protect all workers from harm, there are stringent laws that require machines to be safe regardless of whether these are installed worldwide. Safety of machinery also mitigates risk as there are sound economic reasons. The financial burdens, such as sick pay, of workplace related accidents are obvious. Whereas some costs are harder to identify. In fact, workplace related injuries caused by unsafe or incompliant machinery, also lead to increased insurance premiums, lost production, lost customers and even loss of reputation. TÜV Rheinland, together with our worldwide network, provides you with help on international markets. We are there for you at every stage in the machinery lifecycle – from development support, commissioning and modification to recycling.

## OUR SERVICES FOR YOU.

- Machine assessment based on national, international or corporate guidelines
- Evaluation of electrical and mechanical risks
- Risk analysis and accident analysis
- Assessment of machine and control operational safety
- Ergonomics, operability and serviceability check
- On-site inspection service for electromagnetic compatibility and other electrical fields
- Training of safety specialist personnel by doing assessment of installed machines in praxis
- Customized evaluation reports

## THERE ARE MANY GOOD REASONS.

- Update and upgrade existing machinery
- Prioritize non-compliances
- Uncover potentially hazardous areas of machines and develop a road map to resolve safety issues by doing assessment of installed machines in praxis
- Harmonize safety procedures between different facilities, countries and cultures
- Global engineering staff trained to evaluate risk associated with production machinery
- Onsite support at the production facility or OEM
- Reduced risk of workplace-related accidents
- Machines in compliance with the law and corporate guidelines

## AROUND THE WORLD.

Do your products need a “passport”? We will be at your side where you are or want to be successful – in just about any country in the world.

**NEW TRENDS, NEW KNOWLEDGE,  
NEW QUESTIONS.**

See for yourself – [www.tuv.com](http://www.tuv.com)

\*Source: “Statistik Arbeitsunfallgeschehen 2017”, DGUV

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