

► Inspection of Safeguarding Devices



Your need

As an employer, you are responsible for always providing only safe work equipment. That's why in many judicial systems it is a legal requirement to regularly inspect safety-related equipment on machinery. That way any safety defects that have arisen during assembly or refitting, any manipulation of safeguards or changes to work procedures, can be identified early and rectified.

The scope and schedule of these inspections are defined in various national directives and laws, such as BetrSichV in Germany, OSHA in the USA, and PUWER in the UK, for example.

What we do

With our experience of the industry and the technical competence of our staff, as a DAkkS accredited inspection body in accordance with ISO 17020 we can guarantee objectivity, high availability for your machinery and the highest possible safety for your staff.

We inspect all technical safeguards with regard to installation, condition and safe function. This includes E-STOPS, safety fences, two-hand control devices as well as optoelectronic protective devices such as light curtains, laser scanners and camera-based systems. We use overrun measurements to check that specified safety distances correspond to the current condition of your machine.

You receive a detailed inspection report for your machine documentation. We are happy to discuss any defects that may have emerged or any other safety-related questions directly on site; we can also demonstrate potential solutions that are typical for your industry. If the inspection is passed, the machine is given a Pilz quality seal.

*Keep up to date
with Safety Services:*

 Webcode 0427

*Online information
at www.pilz.com*

Legal background

The use of safeguards and their subsequent inspection is regulated in various international and national legal provisions. OSHA 29 CFR 1900.1 (USA) and the European directive 2009/104/EC (Use of Work Equipment Directive) are among the most important. The latter has been incorporated into domestic law throughout almost the whole of

Europe via statutory instruments such as the industrial safety regulations (Betriebssicherheitsverordnung) in Germany and "PUWER" in the UK.

Once the equipment is installed it is the responsibility of the machine operator to carry out an inspection before it is put into service for the first time and each time it is installed in a new location. Machines that are exposed to wear and may potentially have an adverse effect on safety equipment must be inspected regularly. The operator himself must define the intervals at which equipment is inspected; we recommend this is at least once a year.

Scope of services

- ▶ Initial inspection of all technical safeguards: proper installation, safe function and incorporation of the machine control system
- ▶ Inspection of safety functions in the circuit diagram
- ▶ Overrun measurements (inspection of the safety distance specified by the manufacturer)
- ▶ Inspection of all technical safeguards: current condition, proper installation, safe function
- ▶ Inspection report is provided
- ▶ Quality seal is attached
- ▶ Test interval is defined

Your benefit



inspectors through their technical competence and objectivity. This accreditation is your legal guarantee that you are booking a competent person as stipulated by law. It is valid internationally.

- Comply with safety regulations: Protect your employees and reduce risk as well as liability
- Minimise downtimes and maximise the availability of your machines
- Achieve higher plant availability and increased safety for your staff
- Place your trust in our professional inspection processes with our Pilz quality seal (DAkKS)

Having been accredited by **DAkKS** (German accreditation body) as an independent inspection body in accordance with DIN EN ISO 17020, we can guarantee the capability of our

To discuss with Pilz contact

