Inspection

Heights and Safety Distances of Guards



Description

Machinery guards must provide a barrier between the operators and the hazardous areas of the machine. Therefore they must be located at the heights and safety distances specified in the standards to prevent hazard zones being reached by upper and lower limbs.

i9s verifies that the guards conform to standards in terms of heights, safety distances, openings, types, etc.

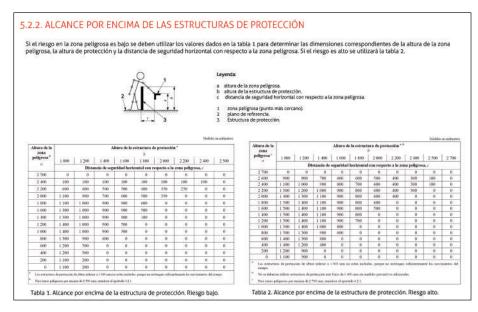
Specifications

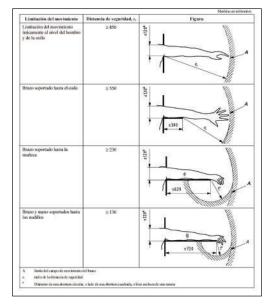
The inspections are based on the following standard:

- **EN ISO 13857** Safety of machinery. Safety distances to prevent hazard zones being reached by upper and lower limbs.
- EN 349 Safety of machinery. Minimum gaps to avoid crushing of parts of the human body.
- EN ISO 14120 Safety of machinery. Guards. General requirements for the design and construction of fixed and movable guards.

Examples

Examples are shown below:





Reach in all directions with limited movement

Reach above the protective structures

Scope of the inspection

Checklist according to the standards.

Documentation

The following is delivered with each inspection:

- A PDF format inspection form.
- A list of possible Non-Conformities found. (In Spanish. Other languages on demand.)

