

GENERAL SAFETY GATE INSPECTION CHECKLIST

Bisafe Märkning & Industrisäkerhet AB

Routine maintenance should be performed on walking-working surfaces and their safety systems. This checklist applies to all safety gates that protect an opening of a walking-working surface that is 500 mm¹ (EN ISO 14122-3:2016) or more above an adjacent floor or ground level.

This includes, but is not limited to...

- ✓ Gates made of aluminum, fiberglass, galvanized steel, plastic, or stainless steel;
- ✓ Gates that close using compression, gravity, spring, or tensioner.

Does the gate comply with the following EN ISO 14122-3 standard?

- a. Does the gate have a hand- and a kneerail²?
If NO, replace gate with a double bar gate.
- b. Is the gate self-closing³ (does not need assistance from an individual to close)?
If NO, replace gate or perform maintenance in accordance with manufacturer's recommendations.
- c. Is the opening between the midrail and the working platform less than 500 mm⁴?
If NO, replace or reinstall gate within appropriate range.
- d. Is the gate smooth-surfaced⁵?
If NO, replace gate or perform maintenance in accordance with manufacturer's recommendations.
- e. Is the gate held in a closed position but not obstructed or locked⁶?
If NO, remove locks or obstructions from gate.
- f. Does the gate show any sign of deformation, rust, cracks, degradation, etc⁷?
If YES, replace gate or perform maintenance in accordance with manufacturer's recommendations.
- g. Does the gate open easily onto the platform or floor⁸?
If NO, replace gate or perform maintenance in accordance with manufacturer's recommendations.

EN ISO 14122-3:2016

1. Sub 7.1.1 When the height of the possible fall exceeds 500 mm, a guard-rail shall be installed.
2. Sub 3.2.2 Knee rail: rigid element of the guard-rail placed parallel with the handrail, giving extra protection against the passage of a body.
3. Sub 7.4.1.a Self-closing can be achieved, for example, by spring or gravity force.
4. Sub 7.4.1 Figure 10 — Example of self-closing gate (open onto the platform).
5. Sub 7.1.10 Ends of the handrail shall be designed so that significant hazards caused by sharp edges of the product or by catching of the user's clothing are reduced to a minimum.
6. Sub 7.4.1.b Held in closed position but not locked.
7. Sub 8.2.1.2 Load for verification of strength.
8. Sub 7.4.1.c Designed to open easily onto the platform or floor.