General Safety Gate Maintenance Checklist

Routine maintenance should be performed on walking-working surfaces and their safety systems[1] .This checklist applies to all safety gates that protect an opening of a walking-working surface that is 4 feet[2] (OSHA) [500 mm[3] (EN ISO)] 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***

1. Is the gate installed in accordance with manufacturer's installation specifications?
If NO, install gate in accordance to the manufacturer's recommendations

2. Does the gate comply with the following standards?

a. Is the gate self-closing[4] (does not need assistance from an individual to close)?
If NO, replace gate or perform maintenance in accordance with manufacturer's recommendations

b. Is the top rail of the gate at 42 inches, plus or minus 3 inches[5] [1100MM[6]] above the walking-working surface?
If NO, reinstall gate within appropriate range

c. Is the gate's midrail midway[7] between the top edge of the gate and the walking-working surface?
If NO, replace or reinstall gate in a way that meets both b and c

d. Is the opening between the midrail and the working platform less than 19 inches[8] [500 mm[9]]?
If NO, replace or reinstall gate in a way that meets both b, c, and d

e. Are the vertical gate members no more than 19 inches[10] apart?
If NO, replace or modify gate in accordance with manufacturer's recommendations

f. Is the gate smooth-surfaced[11]?
If NO, replace gate or perform maintenance in accordance with manufacturer's recommendations

g. Are the top rail and midrail at least .25 inches[12] in diameter or in thickness?
If NO, replace or modify gate in accordance with manufacturer's recommendations

h. Is the gate held in a closed position but not obstructed or locked[13]?
If NO, remove locks or obstructions from gate

i. Does the gate show any sign of deformation, rust, cracks, degradation, etc[14]?
If YES, replace gate or maintenance in accordance with manufacturer's recommendations

j. Has the gate been involved in a known impact[15]?
If YES, replace gate

[1] *OSHA 1910.22(d)(1), OSHA 1926.20(b)(2)*

[2] *OSHA 1910.28(b)(1)(i), ANSI-A1264.1-2007 5.1*

[3] *EN ISO 14122-3 10 OSHA 1910.29(b)(2)(iii)*

[4] *OSHA 1910.29(b)(13)(i), EN ISO 14122-3 Sub 7.4.1.a, ANSIA1264.1- 2007 E3.2, ANSI-A14.3-2008 6.3.3*

[5] *OSHA 1910.29(b)(1), ANSI-A14.3-2008 6.3.3, ANSI-A1264.1-2007 5.4, ANSI-A1264.1-2007 5.6.1*

[6] *EN ISO 14122-3: 2016 sub-7.1.3*

[7] *OSHA 1910.29(b)(2)(i), EN ISO 14122: 2016 sub 7.4.1 Figure 10, ANSIA14.3-2008 6.3.3, ANSI-A1264.1-2007 5.4, ANSI-A1264.1-2007 5.6.1*

[8] *OSHA 1910.29(b)(2)(iv)*

[9] *EN ISO 14122: 2016 sub 7.4.1 Figure 10*

[10] *OSHA 1910.29(b)(2)(iii)*

[11] *OSHA 1910.29(b)(6), EN ISO 14122: 2016 sub-7.1.10, ANSI-A1264.1-2007 5.4*

[12] *OSHA 1910.29(b)(9)*

[13] *OSHA 1910.22(c), https://www.osha.gov/laws-regs/federalregister/2016-11-18, EN ISO 14122: 2016 sub-7.4.1.b*

[14] *OSHA 1910.22(d)(1), OSHA 1926.20(b)(2)*

[15] *OSHA 1910.22(d)(1), OSHA 1926.20(b)(2), ANSI-10.32-2012*