



Preventative Maintenance for Machine Guarding checklist

The following is a routine maintenance checklist to be performed to verify the machine guarding integrity for functionality and cosmetically.

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Engineering Your Safety

Yes	No	Item to be inspected
☐	☐	Any damage to frames?
☐	☐	Any damage or haziness to plastic panels?
☐	☐	Is all wire mesh in t-slot?
☐	☐	Is all wire mesh free of dust and dirt on the grids for visibility?
☐	☐	Have the panels been modified with openings larger than regulation? <i>(see chart below)</i>
☐	☐	Are all fasteners tight? <i>(a finger or hand is not a tool)</i>
☐	☐	Are endcaps on all open ends?
☐	☐	If applicable, are all stand-offs in place between guarding and machine frame?
☐	☐	Are all doors aligned?
☐	☐	Has any of the guarding been removed or modified outside of reachability regulation?
☐	☐	Are all floor anchors installed and tight?

- | | | |
|--------------------------|--------------------------|---|
| ☐ | ☐ | <ul style="list-style-type: none"> Is there evidence that the safeguards have been tampered with or removed? <hr/> |
| ☐ | ☐ | <ul style="list-style-type: none"> Are all electronic safety devices working properly? <i>Check for any bypassed to ensure stop behavior is working properly...</i> <hr/> |
| ☐ | ☐ | <ul style="list-style-type: none"> Is the control box still clean orderly inside? No oils or dust, cables are still neat and orderly? No rips or tears in cables or broken connectors <hr/> |
| ☐ | ☐ | <ul style="list-style-type: none"> Is the machine operable in all modes associated with safety circuit? <hr/> |
| ☐ | ☐ | <ul style="list-style-type: none"> Do new operators and/or maintenance workers need training in how the machine was guarded and/or how and under what circumstances guards can be removed? <hr/> |
| ☐ | ☐ | <ul style="list-style-type: none"> If applicable, is the bypass circuit being used in the specified condition? <hr/> |
| ☐ | ☐ | <ul style="list-style-type: none"> If applicable, are the light curtains and safety laser scanners clean of dust/dirt? <hr/> |

If you are interested in field modifications, additional guarding, or repairs done by PowerSafe Automation, please contact us at 260.993.2828.

If you need to order spare parts for any of the above repairs or restock your maintenance department, contact us for a quote to order the parts you need.

Inspection performed by (Print)

____ / ____ / 20____
Date of inspection

Inspection performed by (Signature)

Chart to verify opening in guard to point of hazard

Distance from opening to hazard (in)	Maximum width opening (in)
.5 to 1.5	.250
1.5 to 2.5	.375
2.5 to 3.5	.500
5.5 to 6.5	.750
6.5 to 7.5	.875
7.5 to 12.5	1.250
12.5 to 15.5	1.500
15.5 to 17.5	1.875
17.5 to 31.5	2.125

