Machine Guarding Gap Checklist
The following is a quick machine guarding gap checklist used to identify potential safety risks and verify guarding integrity for functionality and proper application.

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Engineering Your Safety

Yes	No	Item to be inspected
☐	☐	• Are all hazardous motions identified (pinch points, rotating parts, cutting edges, crush zones)?
☐	☐	• Are hazards present during normal operation, setup, cleaning, or maintenance?
☐	☐	• Are there exposed moving parts within reach of operators?
☐	☐	• Are guards installed at all identified hazard points?
☐	☐	• Do guards prevent reach-over, reach-around, reach-through, and reach-under access?
☐	☐	• Are openings compliant with safe distance guidelines?
☐	☐	• Are guards securely mounted and durable?
☐	☐	• Are there any missing, damaged, or bypassed guards?
☐	☐	• Are all access doors equipped with safety interlock switches?
☐	☐	• Does opening a guard stop hazardous motion?
☐	☐	• Is restart prevented until the hazard is cleared?

- Are safety interlocks attached with tamper-resistant hardware?

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- Are presence sensing devices properly placed?

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- Is the safety distance adequate for stopping time?

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- Are devices free from obstruction or misalignment?

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- Do they stop motion reliably when triggered?

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- Does the safety system meet required Performance Level?

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- Are safety circuits monitored for faults?

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- Is proper-reset logic implemented?

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- Are emergency stops accessible and functional?

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- Are operators required to bypass or remove guards?

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- Are safe procedures defined for setup and maintenance?

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- Is Lockout/Tagout used when required?

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- Are there signs of unsafe workarounds?

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- Are guards regularly inspected?

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- Are components in good condition?

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- Are spare parts available?

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- Is there evidence of temporary fixes?

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- Are hazards labeled clearly?

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- Are safety devices documented?

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- Are manuals available?

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- Has a risk assessment been performed?

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This checklist is a general guideline and is not intended to serve as a formal, certified, or compliant risk assessment. Use of this document does not ensure compliance with ANSI B11.19, Occupational Safety and Health Administration regulations, or any other safety standards. PowerSafe Automation assumes no liability for the use or misuse of this tool. A detailed risk assessment performed by a qualified professional is required to properly evaluate machine safety risks.

If you are interested in a Guarding Assessment done by PowerSafe Automation, please contact us at 260.993.2828.

_____ _____ / _____ / 20____

Inspection performed by (Print) Date of inspection

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Inspection performed by (Signature)