

HIRA / Risk Assessment Builder

Manufacturing & Industrial

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This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Build a HIRA (hazard identification and risk assessment) — a table of activities, hazards, likelihood and severity with a risk rating, controls and residual risk, plus priority actions. Fill in the details below.

Purpose of this tool & output

Hazard identification and risk assessment

How the output is used

Use the builder to identify hazards and assess risk, then set controls before work begins.

Important cautions

AI-generated assessment; validate with a competent safety professional.

Companion documents

- Safety SOP Writer
- Incident & Accident Report
- PPE Policy & Matrix
- Safety Training Program
- Emergency Mock Drill Plan
- Job Safety Analysis Builder

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.