

*Conducting An  
Effective*

# *Job Haz*

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*Job Hazard Analysis*



# Activity

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*Job Hazard Analysis*





## Probability Rating

- The probability rating is:
  - **Low** - If the factors considered indicate it would be unlikely that an accident could occur;
  - **Medium** - If the factors considered indicate it would be likely that an accident could occur; or
  - **High** - If the factors considered indicate it would be very likely that an accident could occur.

*Job Hazard Analysis*





## Identifying types of hazards

- **Pressure:** Increased pressure in hydraulic and pneumatic systems.
- **Mechanical:** Pinch points, sharp points and edges, weight, rotating parts, stability, ejected parts and materials, impact.
- **Flammability/Fire:** In order for combustion to take place, the fuel and oxidizer must be present in gaseous form.

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## Identifying types of hazards

- **Biological:** Primarily airborne and blood borne viruses.
- **Violence In The Workplace:** Any violent act that occurs in the workplace and creates a hostile work environment that affects employees' physical or psychological well-being.

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## Identifying types of hazards

- **Explosives:** Explosions result in large amounts of gas, heat, noise, light and over-pressure.
- **Electrical Contact:** Inadequate insulation, broken electrical lines or equipment, lightning strike, static discharge etc.
- **Chemical Reactions:** Chemical reactions can be violent, can cause explosions, dispersion of materials and emission of heat.

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## Accident Types

- **Struck-by:**
  - A person is forcefully struck by an object. The force of contact is provided by the object.
- **Struck-against:**
  - A person forcefully strikes an object. The person provides the force or energy.
- **Contact-by:**

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## JHA Step 5

- **Step Five - Safe Operating Procedure**

The "Safe Operating Procedure" is the last page of the JHA. It is a narrative or written summary of the JHA worksheets. Note that there are three sections:



The form is titled "Safe Operating Procedure" and contains a header section with fields for "Job Title", "Job Number", and "Job Location". Below the header is a large table with multiple rows and columns, intended for a narrative or written summary of the JHA worksheets. At the bottom of the form, there are fields for "Prepared By" and "Reviewed By".