

*Conducting An
Effective*

Job Haz

Job Hazard Analysis



Activity

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.

Job Hazard Analysis



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.

Job Hazard Analysis



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.

Job Hazard Analysis



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:**

Job Hazard Analysis





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". It has a header section with three fields: "Job Name", "Job Number", and "Job Location". Below the header is a large grid of horizontal lines for writing. At the bottom of the form, there are two fields: "Date" and "Author".