



Job Hazard Analysis



A Job Hazard Analysis (JHA) identifies the potential dangers of a task and provides safety solutions that reduce injury risk. An effective JHA can help increase productivity and reduce a company's worker's compensation costs.

CREATING A JHA PROCEDURE

This should be a joint process with both management and workers that targets specific jobs within a project. For example, you wouldn't create a JHA for building a car; you would create a JHA for mounting an engine. To identify which jobs/tasks pose the highest risk, refer to loss history logs from OSHA 300.

THE THREE PHASES OF A JHA

- **Task description:** Break the job into steps
- **Hazard description:** List the hazards for each step
- **Hazard controls:** Identify measures to eliminate or reduce the hazard

JOB HAZARD ANALYSIS EXAMPLE

On the right is an example of a JHA for a worker in a metal shop requiring them to bring metal castings to a grinding machine. This is only meant to be a sample; there are many more hazards than are listed. For more, contact Arbella's Loss Control team to make an appointment.

For more information, check out the PowerPoint presentation that is available on OSHA's website (www.osha.gov) that's titled "Job Hazard Analysis". This is a great tool that can be used as a guide in developing your own JHA process.

Job:	Location:	Date:
Grinding Machine	Warehouse	October 2016
Task Description: Worker reaches into metal box on floor to the right of grinding machine, grasps/lifts a 15 pound casting, carries casting to grinding machine. Grinds casting (20-30 per hour) to eliminate burrs, places finished casting into box on floor to left of grinding machines.		
Hazard Description:		
<ol style="list-style-type: none"> 1. Worker is exposed to possible strains from lifting casting from the box on the floor and then again when placing finished casting into a box on the floor. 2. Possible finger laceration or puncture from burr while handling casting. 3. Possible foot injury if casting is dropped while lifting/carrying. 4. Grinding process produces caught-in moving parts, foreign object in eye/face, dust, and noise hazards. 		
Hazard Controls:		
<ol style="list-style-type: none"> 1. Set work tables on both sides of grinding machine where castings can be placed to minimize manual lifting and bending. 2. Use tool to secure casting while moving and grinding to avoid contact with burr and grinding machine. 3. Wear approved work boots to protect feet. 4. Provide machine guarding, safety glasses, face shield, suitable protective clothing, hard hat, hearing protection and dust mask if necessary. 		



Remember, Arbella Armor can increase productivity and help keep your business running smoothly. Schedule a Loss Control appointment today!