

Job Safety Analysis

Metal Shop

Division: Midwest

Location: Omaha, NE

#	Task	Hazard	Control
1	Step to right of machine and reach into metal box and grasp 15-pound casting	Strain/Overexertion - M Notes: Reaching, twisting, and lifting 15-pound castings	Place castings as close to machine as possible Place castings at waist height (use adjustable platform or pallet)
		Fall (Same Level) - L	Practice good housekeeping (keep floor clear of debris and obstructions)
2	Carry metal casting to grinding machine	Fall (Same Level) - L	Practice good housekeeping (keep floor clear of debris and obstructions)
3	Grind 20 to 30 castings per hour.	Airborne Particles (Debris/Dust/Smoke) - M Notes: Metal shavings, sparks.	Hazard Isolation (guard, shield, lockout, weld curtains, etc.) Notes: Use shield to reduce flying particles hazards Hazard Minimization (reduce or lessen intensity of hazard) Notes: Use local exhaust ventilation PPE: Eye/Face Protection (Safety glasses, face shield, goggles, etc.) Notes: Wear ANSI approved safety glasses and face shield
		Repetitive/Musculoskeletal - L	Buddy System Notes: Switch off with co-workers every hour as needed Take frequent rest breaks
		Vibration - L	PPE: Hand Protection (Leather gloves, chemical gloves, electrical gloves, etc.) Notes: Wear heavy leather gloves
4	Place finished castings on pallet table to left of machine.	Strain/Overexertion - M Notes: Reaching, twisting, and lifting 15-pound castings	Place castings at waist height (use adjustable platform or pallet) Place castings as close to machine as possible
		Struck By/Against (Sudden Impact) - M Notes: Hand/finger pinch when stacking castings	Operating Procedures/Safe Work Practices Notes: Work at slow, steady, controlled pace, do not rush PPE: Hand Protection (Leather gloves, chemical gloves, electrical gloves, etc.) Notes: Heavy leather gloves

Required PPE	Required Training
<ol style="list-style-type: none"> Protective Clothing Eye/Face Protection Hearing Protection Foot Protection Hand Protection 	<ol style="list-style-type: none"> Manual Material Handling PPE Use Grinding Operations Test

Chemicals	Chemical Hazard

Photo(s)



Task: Place finished castings on pallet table to left of machine.

Company: Apple
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