


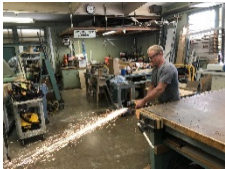


Job Hazard Analysis Form



Task Grinding - DeWalt 60V Max Grinder	
Completed by Scott Brehmer and Frank Chavoya	
Required PPE Safety glasses, steel-toed boots, hearing protection	
Date 9/28/17	Notes

Step	Picture	Step Description	Hazards	Controls
1		Perform pre-use inspection and check	<ul style="list-style-type: none"> Injury due to wheel breakage 	<ul style="list-style-type: none"> Complete hands-on grinder training from a journeyman prior to use Perform pre-use inspection per the DeWalt 60V DCG414 Instruction Manual Check for damaged accessories such as chips or cracks in the abrasive wheel After inspecting and installing an accessory, position yourself and others away from the plane of the rotating accessory and run the tool at max no-load speed to check functionality Red tag any equipment which does not pass inspection
2		Perform hazard assessment of work area	<ul style="list-style-type: none"> Combustion Fire Explosion Hazardous Dust 	<ul style="list-style-type: none"> Keep combustible or flammable materials at least 35 feet from hot work area or use shielding materials Do not operate in explosive atmospheres, such as in the presence of flammable liquids, gases or dust Complete CSUF Hot Work Permit Evaluate materials to be worked on prior to commencing work. Some dust created by power sanding, sawing, grinding, and drilling, can pose additional hazards

Step	Picture	Step Description	Hazards	Controls
3		Prepare work area	<ul style="list-style-type: none"> Injuries to user, co-workers, or bystanders 	<ul style="list-style-type: none"> Barricade or control the work area from unauthorized entrants
4		Mount accessory such as cut-off wheel and guard and prepare for grinding	<ul style="list-style-type: none"> Lacerations 	<ul style="list-style-type: none"> Mount the wheel in the direction suitable for the task and to generate sparks away from user during use Mount grinder guard if possible and if it makes the task safer Warn others in the work area that you are going to start grinding by saying "Heads up, I'm using the grinder" When picking up the grinder, avoid grasping the trigger and inadvertently activating the wheel
5		Perform grinding/cutting	<ul style="list-style-type: none"> Debris/sparks Lacerations Combustion Fire Burn from cut materials Kickback of grinder Ergonomics/Awkward Postures Inhalation hazards Noise hazards (88 Db) 	<ul style="list-style-type: none"> Wear safety glasses and steel-toed boots Use a respirator if grinding presents inhalation hazards as determined by Step 2. Monitor the work area for changing conditions Grinder is equipped with a kickback brake to quickly stop the wheel in the event of a pinch or bind-up Avoid skin contact with hot cut materials such as rebar Keep your hair, clothing and gloves away from moving part Avoid over-reaching, keep proper footing and balance Wear proper hearing protection