

The background of the slide features a large, semi-transparent green shield with a white outline. Inside the shield is a white silhouette of a pelican feeding its young in a nest. The text is overlaid on this shield.

Safety Instructions and Job Hazard Analysis: Angle Grinders

Job/Task Step	Hazard	Hazard Control Method/PPE
<ul style="list-style-type: none"> Inspect Equipment/PPE Check/Buddy System 	N/A	<ul style="list-style-type: none"> Ensure that you communicate with someone in the space of your activities and have them review this document with you so all hazards are known. Wear ONLY cotton or wool clothing when using this tool. It generates sparks that can burn synthetic cloth.
<ul style="list-style-type: none"> Check cord integrity, condition of grinding wheel, and appropriate RPM. 	Hand cut from cut wires.	<ul style="list-style-type: none"> Wear safety gloves. Inspect slowly.
<ul style="list-style-type: none"> Verify that the guard is tight and appropriate for the job. Verify the appropriate handle location. Inspect the trigger for physical damage and proper operation. 	Foot injury from dropping the tool.	<ul style="list-style-type: none"> Rest the tool on the bench while inspecting it. Wear closed-toe shoes.
<ul style="list-style-type: none"> Make sure the materials being ground/cut are adequately secured and positioned correctly, and appropriate for this tool 	Injuries associated with the work propelled by the grinder and/or landing on you.	<ul style="list-style-type: none"> Verify the work piece is adequately secured by trying to dislodge it with a gloved hand (the work weight may secure it enough). Verify that the work piece is steel or iron Wear safety gloves and closed-toe shoes. The auxiliary grip handle must be secured, on right or left depending on comfort and preference
<ul style="list-style-type: none"> Plug in the grinder 	Eye and skin damage from projectiles.	<ul style="list-style-type: none"> Check the trigger to make sure it is in the "OFF" position.
<ul style="list-style-type: none"> STOP 	PPE CHECK	<ul style="list-style-type: none"> REQUIRED: Safety glasses REQUIRED: Safety gloves REQUIRED: Long pants and closed-toe shoes RECOMMENDED: Ear plugs.
<ul style="list-style-type: none"> Turn the grinder on and begin grinding 	Eye injuries from projectiles and sparks.	<ul style="list-style-type: none"> Wear safety glasses.
	Skin damage from sparks and projectiles.	<ul style="list-style-type: none"> Wear safety gloves, long pants, a long sleeved-shirt or protective guards.

	Hearing damage.	<ul style="list-style-type: none"> Wear recommended ear protection.
	Inhalation of toxic or irritant fumes or particulates.	<ul style="list-style-type: none"> Do not cut or grind painted steel or any non-ferrous materials.
<ul style="list-style-type: none"> Turn off the grinder 	Abrasions/lacerations/pinch points	<ul style="list-style-type: none"> Do not attempt to touch the rotating disk or remove your material until the grinder has stopped moving completely.
<ul style="list-style-type: none"> Remove material from secured position. 	Abrasions/lacerations/pinch points	<ul style="list-style-type: none"> Wear gloves while handling the material. Use proper lifting techniques and ask for help should the material be too heavy or awkward to lift.
<ul style="list-style-type: none"> Clean work area 	Abrasions/Lacerations, Flying Debris	<ul style="list-style-type: none"> Wear gloves while picking up larger pieces of cut material for disposal. Wear Safety Glasses to prevent eye injury while sweeping the area on and under the saw.

In case of malfunction: If the tool does not perform as anticipated, or makes an unfamiliar sound, or creates any safety concerns: IMMEDIATELY notify a Maker Ninja and ask them to Lockout and Tag out the tool until a follow-up inspection can be completed.