

Safety Instructions and Job Hazard Analysis: Abrasive Cut Off Saw

Job/Task Step	Hazard	Hazard Control Method/PPE
Inspect Equipment/PPE Check/Buddy System	N/A	<ul style="list-style-type: none"> • Don all required PPE for use of the Abrasive Cut Off Saw. Approved Safety Glasses with side shields, Long Pants, and Closed Toe Shoes • Consider the use of Ear Plugs to reduce noise. • All combustible and flammable materials must be a minimum of 10 feet away from this machine while it is being operated. • Tuck in shirt, no loose fitting clothing or jewelry. • Long hair must be pulled back or tucked into a hat. • Work with the supervisor of the space to review operation and ensure all risks have been addressed.
Ensure the Saw is placed on a Level Surface/Secure the Saw	Muscle Strains, Pinch Points	<ul style="list-style-type: none"> • If the saw's placement needs to be adjusted for leveling purposes, use proper lifting technique or ask for help due to the weight and awkwardness of the saw. • Be aware of hand and body placement.
Ensure Material being cut is Secure and Level	Muscle Strains, Pinch Points, Abrasions/Lacerations,	<ul style="list-style-type: none"> • This saw is ONLY for steel. The blade will be ruined if it's used to cut brass, aluminum, wood or anything that isn't magnetic. • Use proper lifting technique when placing material to be cut on the saw's platform. • Use clamps to secure the material once it's leveled. • Be aware of pinch points while handling material. • Safety Glasses, long pants, closed toe shoes shall be worn.
Make the Cut	Noise, Abrasions/Laceration, Eye Injury, Heat, Fire	<ul style="list-style-type: none"> • Consider ear plugs due to high noises

		<p>when cutting metal.</p> <ul style="list-style-type: none"> • Wear long pants and closed toe shoes to protect from cuts, falling objects, and sparks. • Wear safety glasses to prevent from flying debris or larger pieces of cut material. • Some material may become hot during the cutting process. • Ensure combustibles are not in the area while cutting metal due to sparks.
<p>Remove Cut Material</p>	<p>Muscle Strains, Pinch Points, Abrasions/Lacerations, Hot Material</p>	<ul style="list-style-type: none"> • Consider wearing leather gloves to prevent burns or cuts when removing cut materials. • Use proper lifting technique or ask for help while removing material. • Be aware of hand and body placement.
<p>Clean the area</p>	<p>Flying debris, Abrasions/Lacerations</p>	<ul style="list-style-type: none"> • Wear safety glasses while sweeping the area under and on the saw to prevent foreign body in the eye. • Some material may be sharp from the cut..

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.