

JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

DEPARTMENT OF MECHANICAL ENGINEERING

OPERATING A TURRET PUNCH

TASK	HAZARDS	CONTROLS
1. Assess work area; is it clear of obstructions and slip/trip/fall hazards?	<ul style="list-style-type: none">• Slip, trip, or fall	<ul style="list-style-type: none">• Clear work area of any obstructions or slip/trip/fall hazards
2. Rotate upper and lower turret to select appropriate punch and die size	<ul style="list-style-type: none">• Pinching hazards to fingers/hands• Mismatching punch and die	<ul style="list-style-type: none">• Keep fingers away from pinch point• Take time to ensure that the upper and lower turret punch and dies mate appropriately
3. Align material with punch	<ul style="list-style-type: none">• Lacerations to fingers/hand from material	<ul style="list-style-type: none">• Deburr material before handling, do not slide hand along edges, use gloves if necessary
4. Pull handle to operate punch	<ul style="list-style-type: none">• Pinching hazards to fingers/hand• Muscle strain• Shattering material may cause damage to eyes• Handle hitting operator in head	<ul style="list-style-type: none">• Keep fingers away from pinch points• Position body in relation to crank handle to avoid back and shoulder strain• Always wear safety glasses when operating equipment• Avoid excessive pull force on the handle; ensure that your head isn't directly in front of the handle being pulled

<p>Other Information:</p> <p>Contributors:</p> <p>Created:</p> <p>JSA Library Number:</p>	<p>Required Training:</p> <p>Student Shop Safety Training Program</p> <p>Must complete additional training under guidance of a qualified Student Shop Laboratory Mechanician</p>	<p>Required Personal Protective Equipment (PPE)</p> <p>Leather gloves, safety glasses</p>
	<p>Rotex 18-A Turret Punch Manual</p> <p>Scott G. McCormick; R&D Engineering Manager, Jacob Gallego; Principal Lab. Mech.</p> <p>July 2020</p> <p>(EH&S will insert number here, if applicable)</p>	

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