

# Job Hazard Analysis

(Always Wear Proper PPE)

<b>Project:</b>	<b>Superintendent:</b>
<b>Task: Demolition</b>	<b>Date:</b>

Step	Potential Hazards	Safe Procedures/Crew Responsibilities
<b>Preparation</b>		<ul style="list-style-type: none"> <li>Designate a Competent Person or persons</li> <li>Complete Demolition Plan per OSHA regulations</li> <li>Review P3 (Preparation Planning Procedures) and Hazard Analysis with crew</li> <li>Complete and review STA's daily</li> <li>Assess location and conditions*</li> </ul>
	Danger to the public	<ul style="list-style-type: none"> <li>Fence off or otherwise sign and barricade demolition area to keep people out</li> </ul>
<b>Locate and disconnect existing utilities</b>	Damage to existing utility lines during demolition	<ul style="list-style-type: none"> <li>Notify Dig Safe and all non-member utilities prior to start</li> <li>Maintain all utility markings</li> <li>Use hand tools to dig within 18" of a buried utility line.</li> </ul>
	Injury to personnel from hitting active utility lines	<ul style="list-style-type: none"> <li>Disconnect all utilities prior to start of demolition</li> </ul>
<b>Remove hazardous materials</b>	Exposure to hazardous materials such as asbestos, lead paint, PCB's, etc	<ul style="list-style-type: none"> <li>Hazardous materials assessment must be completed and hazardous materials removed by abatement company prior to start of demolition</li> </ul>
<b>Demolish structure</b>	Structure collapsing prematurely	<ul style="list-style-type: none"> <li>Evaluate building conditions for soundness</li> <li>Demolition Plan addresses sequence in which the structure will be taken down safely and under control</li> </ul>

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<b>Demolish structure continued</b>	Falling into open holes	<ul style="list-style-type: none"> <li>Use hole covers or guardrails, or place barricades to keep people at least 15' away from the edge</li> </ul>
	Personnel and equipment struck by falling objects	<ul style="list-style-type: none"> <li>Do not enter structure being demolished by heavy equipment</li> <li>Have equipment shields and guards attached properly during demolition operations</li> </ul>
	Hit by flying debris	<ul style="list-style-type: none"> <li>Install fence or Danger tape with proper signage to delineate unsafe areas and keep people at a safe distance</li> </ul>
	Exposure to dusty conditions	<ul style="list-style-type: none"> <li>Use water if necessary to control dust</li> <li>Wear dust masks when exposed to dusty conditions</li> </ul>
	Cuts and punctures from sharp edges	<ul style="list-style-type: none"> <li>Wear gloves when handling demolition debris</li> </ul>
	Trip and fall hazards	<ul style="list-style-type: none"> <li>Use good housekeeping on a continual basis; keep walking and working areas picked up</li> </ul>
	Impalement hazards	<ul style="list-style-type: none"> <li>Cover, remove, or barricade all impalement hazards</li> </ul>
	Struck by springing objects	<ul style="list-style-type: none"> <li>Watch for entangled steel, rebar and wood, which could have a great deal of stored potential energy</li> </ul>
<b>On site demolition storage</b>	All the above	<ul style="list-style-type: none"> <li>Barricade disposal storage areas</li> </ul>
<b>Haul and dispose of building debris and other refuse</b>	Objects falling off truck while loading	<ul style="list-style-type: none"> <li>Demolition loading and storage areas must be barricaded to prevent access while demolition is being loaded or dumped</li> </ul>
	Objects fall off truck during haul	<ul style="list-style-type: none"> <li>Ensure loads are safely secured and within the confines of the hauling unit</li> </ul>

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<b>Backfill any pits or excavations</b>	Hit by equipment	<ul style="list-style-type: none"> <li>• Make eye contact with operator before approaching</li> <li>• All backup / travel alarms are working and are loud enough</li> <li>• All employees wear safety vests</li> <li>• Maintain a safe distance from all machine operations</li> </ul>
<b>Other Steps (if any):</b>	<b>Other hazards</b>	<ul style="list-style-type: none"> <li>• <b>Other Safe Procedures:</b></li> </ul>