

Job Hazard Analysis

(Always Wear Proper PPE)

Project:	Superintendent:
Task: Inverts/Brick Masonry	Date:

Step	Potential Hazards	Safe Procedures/Crew Responsibilities
Preparation		<ul style="list-style-type: none"> • Designate a Competent Person or persons • Review P3 (Preparation Planning Procedures) and Hazard Analysis with crew • Complete and review STA's daily • Assess location and conditions* • Fill out Confined Space Entry form each day and for each structure
Set up tripod and winch	Tripod device failure	<ul style="list-style-type: none"> • Read instructions or have prior experience in setting up tripod
	Tripping or falling into structure	<ul style="list-style-type: none"> • Fully assemble tripod before placing it over opening • Leave cover in place while placing tripod over opening
Clean structure and prepare the structure for invert	Hazardous atmosphere	<ul style="list-style-type: none"> • Monitor air continuously • Ventilate space until the air monitor confirms the atmosphere is clean
	False reading of air quality	<ul style="list-style-type: none"> • Check all zones of the structure for air quality for a minimum of 1 minute
Remove waste materials and lower new invert materials into structure	Being struck by materials being raised or lowered	<ul style="list-style-type: none"> • Do not lift or lower buckets of materials with personnel inside the structure • Use "bucket buddy" sling

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Remove waste materials and lower new invert materials into structure	Strain from lifting or lowering materials in structure	<ul style="list-style-type: none">• Keep loads less than 50 lbs. per person
	Rope burns on hands from lifting and lowering materials	<ul style="list-style-type: none">• Wear gloves when lifting or lowering materials
Mix mortar and build invert	Inhaling cement dust from mixing	<ul style="list-style-type: none">• Review SDS for type of cement used• Keep cement wet and mix with wind at your back. Wear a dust mask if necessary
	Burns or reaction from cement contacting skin	<ul style="list-style-type: none">• Wear rubber gloves when working with cement
	Brick pieces in face or eyes from chipping or cutting	<ul style="list-style-type: none">• Wear face shield with safety glasses or goggles when chipping or cutting bricks
Other Steps (if any):	Other hazards:	Other safe procedures: * 1) If work is to be performed in a travel way, complete and follow Work in Travel Way Job Hazard Analysis