



Safety Tailgate Meeting | Week of June 18th, 2018

Project Name: _____

Job Number: _____

☐ Sheet Metal ☐ Piping ☐ Plumbing ☐ Start-Up

GF/Foremen: _____

Discussion Leader: _____

Date of Meeting: _____

Silica Hazards Associated with Use of Drills

About two million construction workers are exposed to respirable crystalline silica in over 600,000 workplaces. OSHA estimates that more than 840,000 of these workers are exposed to silica levels that exceed the new permissible exposure limit (PEL). Common materials that contain silica are concrete and concrete block, manufactured stone, and roof tiles. Primary exposures for mechanical construction workers are drilling and hammer drilling into concrete. Though rare in mechanical construction industry, exposure to respirable crystalline silica can cause silicosis, lung cancer, among other respiratory diseases.

When work activities create silica, take special precautions to reduce the amount being produced. Refer to our Silica policy or contact the safety department with any concerns.

SAFE WORK PRACTICES

- Whenever they are available, use standard drills and hammer drills fitted with a commercially available shroud or cowl, and an adequate dust collection system. Ensure that the dust collection system is designed for, and filtered by, High Efficiency Particulate Air (HEPA) filters.
- Before starting to work, make sure that the HEPA filter(s) is clean and that the dust collection system is working properly. Also, be sure to follow the tool/dust collection system manufacturers' instructions carefully to minimize dust emissions.
- When drilling holes to install pipe or duct hangers, make sure you clean out the holes with an approved HEPA filtered vacuum before installing the hangers.
- Use an exhaust ventilation system in conjunction with the dust collection system if visible airborne dust begins to accumulate while you're performing the work.

Safety Comments/Suggestions for this Project: _____

Print Name & Clock #	Print Name & Clock #	Print Name & Clock #
1 _____	7 _____	13 _____
2 _____	8 _____	14 _____
3 _____	9 _____	15 _____
4 _____	10 _____	16 _____
5 _____	11 _____	17 _____
6 _____	12 _____	18 _____

Foreman's Name & Clock #: _____

PRE TASK PLAN

Project Name: _____

Job Number: _____

Sheet Metal Piping Plumbing Service

GF/Foreman: _____

Pre-Task Plan Prepared By: _____

Date: _____

Project Safety Contact: _____

Safety Contact Phone Number: _____

1. Required PPE	Hazards	Safe Plan of Action (SPA)
Hard hat Face shield Goggles Gloves: Leather Kevlar / Cut resistant Solvent Acid Arm sleeves Fire resistant Boots Steel - toe Toe covers Ear Plugs / Ear muffs Safety Vest Chemical Resistant suit / apron / tyvek suit Respirator Fire Resistant	Material Handling	Inspected movement path Identified moving equipment Wheels Chocked Floor Plating (pinch / back) Hand protection required Awkward size/shape/CG Hand / body positions to avoid injury Laydown area established Spotter Debris Removal plan
		Slips, Trips, Falls
		Hand & Power Tools
		Chemical Hazards
2. Fall Protection Ladder inspection completed Retractable Device Required Inspected Fall Protection Equipment Shock Absorbing Lanyard Required Horizontal Lifeline System Required Anchorage Point Identified Fall Clearance Distance Adequate Fall Rescue / Retrieval Plan Set Up		Area clean / clear of debris Hazards marked Tools & material properly stored Electrical / emergency equipment clear
		Reviewed safety requirements Guarding OK Inspected condition GFCI in use Identified PPE required Inspected electrical cord Routed cord overhead or taped / barricaded
		Area inspected for potential chemical hazard MSDS Sheet available Identify PPE for highest recognized hazard (see left side) Reviewed Decon / Disposal or storage procedures Reviewed contingency plan and equipment is on hand
		Non-Electrical Hot Work
3. Task Specific Work Plans Lifting Plan (required for greater than 50 lbs.) Floor / Wall penetrations Lock Out / Tag Out Procedures		Fire Extinguishers Fire watch Install weld / spark screens Combustible material removed / protected Adequate ventilation
		Crane or other Lifting Equipment
		Barricades
		Weather
4. Required Work Permits Hot Work (Non-Electrical) Confined Space Excavation Energized Electrical Work (EEW) Critical Lift (Crane) Scaffolds		Review plans for weather including heat / wind / moisture Liquids available Cool down periods Sun Screen Heat Stress symptoms
		Crew Congestion or Impact to occupants
		Safety Huddle Topics:
		<input type="checkbox"/> Monday: _____ <input type="checkbox"/> Tuesday: _____ <input type="checkbox"/> Wednesday: _____ <input type="checkbox"/> Thursday: _____ <input type="checkbox"/> Friday: _____

Construction Activity (In Sequence)	Hazards Identified	Corrective Actions Taken

Crew Sign-in (PLEASE PRINT NAME & Clock Number):

1.	6.	11.
2.	7.	12.
3.	8.	13.
4.	9.	14.
5.	10.	15.

Daily Initials:

Monday	_____
Tuesday	_____
Wednesday	_____
Thursday	_____
Friday	_____

IF WORK CONDITIONS CHANGE, PRE-TASK PLAN NEEDS TO BE UPDATED ASAP