

Job Hazard Analysis

(Always Wear Proper PPE)

Project:	Superintendent:
Task: Soil Stabilization/Soil Cement	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 • Assess location and conditions* • Complete and review STA's daily
Analyze soils or aggregates Use the recommended ratio of cement to soils/aggregates		<ul style="list-style-type: none"> • Review specifications
Prepare soils or aggregates	Slips, trips, and falls	<ul style="list-style-type: none"> • Keep work areas picked up and free of trip hazards
	Danger to the public	<ul style="list-style-type: none"> • Use proper signs and barricades to clearly delineate work area • Close off the road to the general public if at all possible
Fine grade and compact area prior to application	Personnel struck by equipment or trucks	<ul style="list-style-type: none"> • Ensure back up & travel alarms are working and loud enough • All employees wear high-visibility vests at all times • Maintain eye contact with operators and drivers • Give machines and trucks the right of way
Apply cement to surface	Eye or skin irritations caused by dry cement dust	<ul style="list-style-type: none"> • Review cement MSDS with all employees • Wear safety glasses and gloves, and cover exposed skin

