

Safety Brief: Silica Work

Rules and Requirements

- Create overall project silica management plan in pre-con phase
- Set expectation with workers
 - All silica dust creating task require a silica exposure control plan
 - Workers must submit their silica exposure plans for review to or receive help from the Foremen the prior to starting the task using Table 1 in the safety manual.
 - Exposure plans must include:
 - Must be task specific
 - Must reference Table 1 or their own industrial hygiene test results proving their method under the PEL
 - The work must be done exactly as described in Table 1 and their exposure plan
 - The correct PPE and control methods must be used
 - Foremen are required to follow up to assure that the work is being completed per plan
 - If not...
 - Stop the work
 - Alert their Foreman to the issue
 - Document the incident in Procore Observations
 - If it is the second event, issue a written enforcement
- Working with Silica
 - Identifying silica creating tasks:
 - Any time you...
 - Drill, cut, grind, chip or break up Cementous materials like...
 - Concrete, grout, cement board, mortar, etc.
 - Do not work without a plan
 - Work the plan exactly
 - **Every Time!**
 - Every day (even for 1 hr) a worker wears an N95 mask or respirator for silica protection, the Foremen must record that on the workers time sheet.
 - After 30 such days, the payroll person will inform the safety department and a respiratory test will be offered to that employee.
 - The employee may decline the appointment
- Storage
 - PE set up folders for all subs on the server Job/Safety/Silica
 - Scan paper copies and the end of the week and store with the date