


**Controls to Limit Exposure to Silica:**

- **Walk Behind Saws:** The walk behind saws used to cut concrete and asphalt are wet saws. The wet saws are only used outdoors. Water is applied to the sawing area at a flow rate that is sufficient to minimize release of visible dust. The wet saws have an integrated water delivery system that continuously feeds water to the blade. The wet saws are operated and maintained in accordance with the manufacturer's instructions to minimize dust emissions. Employees authorized to use the saws receive training in how to properly use the wet saws.
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- **Hand Held Cut Off Saws:** The hand held cut off saws used to cut concrete and asphalt have the capability to be operated with a constant water source for wet sawing. These saws are predominately used outdoors and for less than 4 hours per shift. If these saws are used in enclosed areas, indoors or for more than 4 hours per shift without water, respiratory protection is required. ASMG requires that these saws are to only be operated wet and maintained in accordance with the manufacturer's recommendations to minimize dust emissions. Employees authorized to use these saws have received training in how to properly use these saws.
  - **Jack hammers/Handheld Chipping Tools:** Jackhammers and handheld chipping tools will be either retrofitted to utilize a water delivery system or the work area will be constantly wetted (by an employee dedicated to this task) to keep dust from becoming airborne. These tools are predominately used outdoors and may be used up to 8 hours per shift. When these tools are utilized for more than 4 hours per shift the employees will be required to wear respiratory protection. These tools will be operated in accordance with the manufacturer's recommendation and the criteria in this Plan. Employees authorized to use these tools have received training in their proper use.
  - **Skid Steer Milling Machine:** Skid Steer milling machines are operated outdoors only and are equipped with a constant water delivery system. All water used in the water delivery system will contain a surfactant (such as dish washing liquid) to increase the liquid's dust suppression capabilities. These tools will be operated in accordance with the manufacturer's recommendation and the criteria of this exposure plan. Employees authorized to use these tools have received training in their proper use.



