



# Safety Tip of the Week

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## Cutting Concrete Safely

Concrete cutting is a tough job that requires more than high-powered tools and concrete cutting skills.

Common sense and a wise judgment are important factors in getting the job done successfully. These will save you and the people around you from accidents.

### Things You SHOULD Do:

- Select the proper tools for the project;
- Wear the required protective equipment for the job. Safety glasses, ear muffs, and rubber boots are a must. Certain projects may require respirators to protect you from lung diseases caused by airborne particles;
- Inspect the blades thoroughly before starting a task. Ensure that proper setup is a main priority;
- Follow the recommended blade diameter and other specifications for the materials to be cut; Also, remember that the larger the diamond blade is, the slower you should move it;
- Check if the flow of water is continuous to both sides of the diamond blade;
- Keep the blade guard properly secured in place while operating;
- Check pulleys for excessive wear and make sure V-belts are properly tensioned. Worn out pulleys and improper belt tension cause operating speed discrepancies and reduce the efficiency of diamond blades;
- In dry cutting, allow the blade to run free for 30-40 seconds to prevent overheating;
- Stay grounded while operating to prevent mishaps and ensure proper cutting methods. Keep body parts away from the blade's rotation route; and
- Perform periodic examination of blades for cracks and excessive wear. The steel center and segments are prone to cracks and segments underneath may be worn out.



***“RESPECT THE UNEXPECTED...THINK THROUGH YOUR RISKS.”***