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We're about service, commitment, results, and accountability!

Weekly Safety Tip

May 7, 2018

SCI Safety Tip: Power Tool and Equipment Safety

Source: <https://www.esfi.org>

Date: 2018

Many do-it-yourself projects involve the use of power tools. Working with power tools requires skilled instruction and training. They can be deadly if not properly used or maintained.

The most common scenario for power tool-related electrocutions is when the equipment comes in contact with live electrical wires while it is being used.

Facts and Statistics:

- According to the U.S. Consumer Product Safety Commission (CPSC), there are nearly 400 electrocutions in the United States each year.
- Approximately 15% of electrocutions are related to consumer products.
- 8% of consumer product-related electrocutions each year are attributed to electrical accidents with power drills, saws, sanders, hedge trimmers, and other electric power tools.
- 9% of consumer product-related electrocutions each year are caused by accidents involving the use of lawn and garden equipment and ladders, which come into contact with overhead power lines.

Power Tool Safety Tips:

- Use ground fault circuit interrupters (GFCIs) with every power tool to protect against electric shocks.
- Do not use power tools with an extension cord that exceeds 100 feet in length.



SCI Safety Slogan



James Lehrke - SCI



- Never use power tools near live electrical wires or water pipes.
- Use extreme caution when cutting or drilling into walls where electrical wires or water pipes could be accidentally touched or penetrated.
- If a power tool trips a safety device while in use, take the tool to a manufacturer-authorized repair center for service.
- When working with electricity, use tools with insulated grips.
- Appropriate personal protective gear should be worn when using power tools.
- Do not use power tools without the proper guards.
- When using a wet-dry vacuum cleaner or a pressure washer, be sure to follow the manufacturer's instructions to avoid electric shock.



Personal Protective Equipment (PPE):

- Safeguards on outdoor electric tools are there for a reason. Make sure that they are always in place before operating.
- Invest in the safety goggles, hearing protection, dust masks, gloves and other safety gear as recommended for each tool. A few dollars now are well worth the lifetime of good sight and hearing that they are protecting.
- Wear the appropriate clothes for the job. Wearing sandals while mowing the lawn is just asking for trouble.

SCI OSHA News: OSHA Issues Direct Final Rule Revising Beryllium Standard For General Industry

Source: www.osha.gov

Date: May 4, 2018

WASHINGTON, DC – The Occupational Safety and Health Administration (OSHA) today issued a [direct final rule \(DFR\)](#) clarifying aspects of the beryllium standard for general industry as it applies to processes, operations, or areas where workers may be exposed to materials containing less than 0.1% beryllium by weight.

The DFR clarifies the definitions of Beryllium Work Area, emergency, dermal contact, and beryllium contamination. It also clarifies provisions for disposal and recycling, and provisions that the Agency intends to apply only where skin can be exposed to materials containing at least 0.1% beryllium by weight.

The direct final rule will become effective on July 4, 2018, unless the Agency receives significant adverse comments by June 4, 2018.

Under the Occupational Safety and Health Act of 1970, employers are responsible for providing safe and healthful workplaces for their employees. OSHA's role is to ensure these conditions for America's working men and women by setting and enforcing standards, and providing training, education and assistance. For more information, visit www.osha.gov.

SCI Security Tips:

Source: <http://www.safetyandhealthmagazine.com>

Date: June 27, 2017

An [active shooter](#) situation is a scenario many people don't want to think about – but it's important to be prepared. The Department of Homeland Security notes that active shooter situations evolve quickly. Although an active shooter situation is rare in the workplace, it happens. In 2014, 674 homicides and suicides occurred on the job, according to the 2017 edition of "Injury Facts," a National Safety Council chartbook.



Baked Egg Muffins Recipe

The humble egg is a nutritious staple all over the world. They're a protein powerhouse, they're low calorie and easy on the wallet.

When you combine the nutrition benefits of eggs with a convenient breakfast, you have a sure-fire winner!

Ingredients

- Nonstick cooking spray
- 9 large whole eggs
- Black pepper
- 2 oz chopped Canadian bacon
- 3 tbsp diced bell pepper
- 2 oz shredded Swiss

Directions

- Preheat the oven to 350F. Spray the muffin tins with cooking spray.
- In a large bowl whisk the eggs, season with pepper to taste.
- Mix in the remaining ingredients.
- Fill tins and place on a cookie sheet.
- Bake 20 to 25 minutes, until set.

Then enjoy as you power up your protein!

Time is of the essence

Every moment counts when near an active shooter. "Because active shooter situations are often over within 10 to 15 minutes, before law enforcement arrives on the scene, individuals must be prepared both mentally and physically to deal with an active shooter situation," DHS states. The department advises being prepared to take three courses of action:



- **Run.** If you see someone with a gun or hear gunfire, run away as fast as possible if you have an accessible escape path – even if others around you don't want to follow. However, help others escape if you can. Leave all belongings behind. If law enforcement is on the scene when you get away, keep your hands visible above your head and follow instructions. Don't stop to move wounded victims.
- **Hide.** If you can't escape, find a place where the shooter is unlikely to find you. Find a room with a door and lock it. If it doesn't have a lock, barricade heavy furniture against the door. Silence all electronics and do your best to remain calm and quiet. Hide behind large items.
- **Fight.** DHS recommends confronting the shooter, but only as a last resort when you believe your life is in imminent danger. Act aggressively and throw items at the shooter or use an improvised weapon.

For more information, go to www.dhs.gov/active-shooter-preparedness.



We'd always like your feedback. Let us know what articles you'd like to see!

In Loving Memory... Jessica, Kristin and Nick



Save Tomorrow; Think Safety Today!