



STARK COUNTY SAFETY COUNCIL

member news

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StarkCountySafetyCouncil.org

E-Cigarettes: Less Hazardous does not mean Hazard-Less

*Provided by Curtis Speck, President
Safety Resources Company of Ohio, Inc. and
Stark County Safety Council Committee Member*

Most people have heard of someone who has switched from traditional tobacco products to electronic smoking devices. Frequently known as E-Cigarettes, E-Cigs, or “Vaping”, the common belief is that these devices are safer than traditional smoking because they only produce water vapor. However, while studies have shown that electronic smoking is far safer regular smoking methods, there are still many risks associated with them. Worse still, many users are entirely unaware of these risks, leading them to use these devices even more frequently than they would regularly smoke. This in turn increases their exposure to toxic compounds found in the inhaled vapor. To better understand these hazards, let’s break down how e-cigarettes work, and explain where they present hazards.

Most e-smoking devices operate by heating “e-juices” using a battery powered heating coil, similar to theater smoke machines. This

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August 10, 2017

At The Alex D. Krassas Event Center

“Find a Way, A Safe Way”

Speaker: Brad Hurtig

A national speaker, Brad Hurtig, presents to safety councils and businesses his experience with workplace safety. As a teenager, he was involved in a workplace accident that resulted in the amputation of both of his hands. After the accident, he went on to rejoin his high school football team, lead the team in tackles and receive all-state honors while playing without hands.

Spotlight Company:

RETTEWSM

RETTEW, ranked by *Engineering News-Record* magazine as one of the top design firms in the U.S., provides a wide range of safety, environmental, engineering, surveying, planning, and related consulting services. Our seasoned staff of safety specialists has helped a multitude of clients large and small, establish a culture of workplace safety. RETTEW’s safety group includes specialized individuals in a well-rounded team of experts capable of addressing all safety situations in the field and workplace.

Contacts: Luke Lazar, CSP, Director of Safety Consulting and Jake Wilburn, Regional Manager,
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Stark County Safety Council Mission Statement: *To provide a forum for safety and health information, education and networking in Stark County, through leadership, innovation, facilitation, program, and support, in partnership with other public and private organizations.*

ROBIN'S CORNER

By Robin Watson, Ohio BWC Representative

Question: Spray Safe: The Rules for Insect Repellent and Flame Resistant (FR) Clothing

Answer: With every new bug season, come swarms of new questions as to how to properly use insect repellent while wearing FR garments.

DEET is the active ingredient in many well-known, and often used, insect repellents (liquids, lotions, sprays, wristbands, etc.). It is used to ward off biting pests such as mosquitoes and ticks – insects that may or may not be car-

rying far peskier diseases like West Nile Virus and Lyme Disease.

The problem for those who work where there are arc flash and flash fire

hazards? DEET is HIGHLY flammable. Any flame resistant clothing sprayed with it has the potential to ignite and continue to burn if exposed to an ignition hazard.

Do not spray DEET on your FR clothing. Ever.



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Causes the liquid to become a vapor cloud that the user inhales. But contrary to common belief, this vapor is not just water. Studies have shown that when e-juices are heated in this manner, a handful of secondary compounds are created as a byproduct. Carcinogens such as formaldehyde, acetaldehyde, and acrolein have all be



found in electronic smoking vapor. In flavored liquids, the additives used to create these flavors have also been found to produce hazardous chemicals when they break down while heating. Other flavorings, while safe for ingestion in food products, are not safe for inhalation. In addition to these chemicals, most e-smokers use liquids that contain nicotine, which itself promotes tumor growth. All of these hazards are made worse by the trend of creating thick clouds of vapor, which contain higher concentrations of all these chemicals. These clouds also tend to linger longer than ordinary smoke, increasing the potential for second hand inhalation hazards by bystanders.

The biggest concern with e-smoking devices is the lack of information we actually have about them. While the studies that have been done so far show that these devices may be safer overall, they are not rock solid evidence. For one, while we do know the types of compounds that end up in e-vapor, there is next to no regulation of electronic smoking fluid. This means that formulas for similar fluids could vary greatly and present different types of hazards based on how individual ingredients break down. Even for formulas that are well studied, this research is only a few years old at best. Next to no long term research has yet been done with electronic smoking devices, which means that we simply don't know what the long term health effects of them are.

Because of this lack of certainty, most organizations such as NIOSH, ANSI, and the World Health Organization recommend addressing electronic smoking devices the same as other tobacco products, banning them from the same areas as cigarettes. As we learn more about these devices and the hazards they may or may not pose, this may change. For now though, the unknowns these devices leave too many unanswered questions.

Concealed Handgun License

*Provided by Gust Callas, Attorney at Law
BLACK McCUSKEY SOUERS & ARBAUGH, LPA
and Stark County Safety Council Steering Committee Member*

On March 21, 2017, the General Assembly amended the statutes regarding the Concealed Handgun License. Two of the sections of the statutes provided, (1) for immunity of employers, and (2) no restriction on private employer's rules and regulations regarding the prohibition of firearms on the private employer's premises.



In particular, R.C. 2923(C)(2)(a) provides that an employer shall be immune from liability in a civil action for any injury, death, or loss to a person or property that allegedly was caused by or related to a licensee bringing a handgun into the premises or property of the private employer.

R.C. 2923.126(C)(1) provides that nothing in this section shall restrict a rule, policy, or practice of a private employer concerning or prohibiting the presence of firearms on a private employer's premises or property.

R.C. 2923.1210 appears to allow licensed weapons in permitted areas under certain conditions. There appears to be a conflict in the statutes and therefore we would recommend you consult your HR professional and/or attorney to determine what policies you wish to adopt.



Class Schedule (North Canton)
339 E. Maple St. Suite 200
North Canton, OH 44720
Register at bwclearningcenter.com

NFPA 70E and You: Insight and Implementation—July 27 8:30-4:30 p.m.

Safety Series Workshop Module 1— Aug. 14 1-4:30 p.m.

Machine Guarding Basics—Aug. 29—8:30-Noon

Lockout/Tagout and Safety-related Work Practices—Aug. 29—1-4:30 p.m.

Upcoming Safety Events

August 30—Combustible Dust Awareness Seminar—at the Canton Regional Chamber of Commerce—\$10.00 members \$15.00 non-members—Safety Council Meeting Credit and Two Hour Group Rating training—Contact Connie Cerny at www.starkcountysafetycouncil.com or call 330.456.7253 for registration.

March 7-9—2018 Ohio Safety Congress & Expo at the Ohio Convention Center. Save the date!

Coming Next Month

September 14, 2017

“2017 Safety, Health & Human Resource Fair”

Seeking Fair Vendors: Reserve your table NOW!

The SCSC will have the Safety, Health & HR Fair as their September luncheon. Share your products and services to 300+ attendees. Tables are \$150.00. Sign up by August 11th and save \$50.00 with the Early Bird Special!

Safety Council Officers & Contributing Members

Chairman: Mark Cush
(mcush@youngtrucks.com)

Vice Chair: Randy Martin
(randym@beaverexcavating.com)

Program Manager & Canton Regional Chamber Representative: Connie Cerny
(conniec@cantonchamber.org)

Newsletter Coordinator:
Karen L. Bostrom (kbostrom@kwgd.com)

Ohio BWC Representatives:
Robin Watson (robin.w.1@bwc.state.oh.us) and
Deb Bailey (Deborah.b.1@bwc.state.oh.us)



Stark County Safety Council Wins 2017 Stand Down To Prevent Falls Challenge!

Thank you to the 51 Stark County Safety Council Member Participants for taking SAFETY to the next level and creating a SAFER work place environment for your employees!

On behalf of the 51 SCSC Members who participated, Accepting the award on left is Connie Cerny, Program Manager & Canton Regional Chamber Representative and Mark Cush, Chairman, Stark County Safety Council.

Up, Up and Away with the Stark County Safety Council



The Stark County Safety Council was pleased to sponsor the 811 Cox Utilizes Services Balloon at the 2017 Pro Football Hall of Fame Enshrinement Festival Balloon Classic & Fireworks. As part of the sponsorship, several balloon rides were raffled off with the proceeds going to the Wishes Can Happen campaign. Congratulations to our winners!



July 2017 Luncheon Photos

