



Canton Akron Safety Council

Sponsored by the BWC Division of Safety and Hygiene
In cooperation with the North Canton Area Chamber of Commerce

2019-2020 Steering Committee Members:

Deb Bailey
Ohio BWC

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Gardner Pie Company

Scott Dodson
Shoemaker Rigging

Barry Ganoe
City of New Franklin

Jason Haws
AmeriSeal & Restoration

Doug Lane
*North Canton Area
Chamber of Commerce*

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Safety Council Manager

Tamara Martinko
Crown Heating & Cooling

Ty Stewart
Akron Foundry Company

Jason Haws
AmeriSeal & Restoration

Stella Tsirells
*Vail Packaging / Massillon
Container*

Upcoming Meeting Dates:

September 25

Drones in the Safety World

October 23

Carbon Monoxide

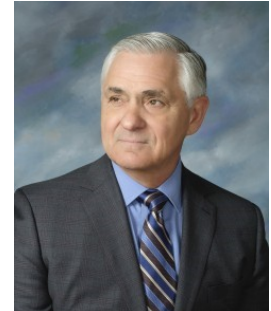
August 2019

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August's Featured Program...

Facilitator: Deb Bailey and CAK Safety Council Steering Committee

Topic: Accident Analysis
Date: August 28, 2019
Time: 7:30 AM - 9:00 AM
Location: MAPS Air Museum



This month's program will feature stations where all attendees will review actual workplace accidents and discuss the causes, possible preventions, policies, procedures and what ifs.

These are actual workplace accidents, with only the names of the individuals and companies changed to protect identities.

This is a great hands on experience and a way to network with other Safety Council Members.

SAVE THE DATE NOVEMBER 15TH ~ SPECIAL SESSION

CPT. Louis Belluomini, with the Putnam County EMS, will present with his service dog on Veterans and PTSD.

More information coming soon!

NEED MORE INFORMATION? CAK SAFETY COUNCIL

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From Last Month...

The CAK Safety Council was proud to donate over \$200 to the SAM Center from the proceeds of our monthly 50/50 Drawing. The SAM Center serves Veterans with a multitude of resources and support. For more information visit www.servingareamilitary.com



DEB'S SAFETY CORNER



Q: How do I estimate respirator cartridge service life?

R: There's an app for that!

Whenever you put workers in an air-purifying respirator, it's vital to know when they need to change their cartridges. Until passive visual end-of-service-life indicators become standard—something that has been a long time coming—employers must calculate, based on employee exposures and workplace factors, just how long a cartridge remains useful.

The National Institute for Occupational Safety and Health (NIOSH) has developed a Multi Vapor Tools that you can download to a Windows PC for installation and use.

Once that is done, you can use the tool to estimate breakthrough times and service life for air purifying respirator cartridges used to remove toxic or organic vapors from breathed air.

NIOSH defines breakthrough time as the time following the first and continuous use of a cartridge after which the user of the cartridge could be exposed to a selected concentration of a harmful vapor: this is the consequence of the cartridge being used up. Service life is the breakthrough time with a safety factor applied.

Of course, the output you get is only going to

be as good as the input you use. To properly calculate breakthrough times and service life, you'll need to know:

- *What cartridge you're using. The MultiVapor tool will ask you for eight different parameters that apply to the activated carbon used in the cartridge. The program does come equipped with generic, preprogrammed values that you can use as estimates, but cartridge-specific values will give you better estimates of breakthrough time and service life.*
- *What workers are exposed to. You'll have to enter the organic vapors workers are expected to encounter. Most of the data will be prepopulated, but you'll need to know the average vapor concentration in parts per million (ppm). The program will let you enter up to five different vapors.*
- *What conditions of use apply. Temperature, relative humidity, the number of cartridges on the respirator and workers' breathing rate are all important parts of the calculation. The program offers suggestions for breathing rates based on the physical demands of the work.*

Given the information above, the program will calculate in minutes an estimated minimum and maximum breakthrough time for each contaminant. These can be included in your written respiratory protection program and change schedule documentation.

Upcoming Safety Courses

Division of Safety & Hygiene



8.27.2019



Lockout/Tagout and Safety-related Work Practices, 8:30 a.m. - 12:00 p.m.

You will learn:

- o Principles and procedures of LOTO as presented in OSHA 29 CFR 1910.147;
- o Examples of safety-related work practices;
- o Guidelines and practical approaches to safety related work practices.

This course is approved for IACET EPA and Sanitarian CEUs and ISSP credit.

8.27.2019



Machine Guarding Basics 1:00 p.m. - 4:30 p.m.

You will learn:

- o Principles and basics of general machine guarding as required by OSHA 29 CFR 1910 Subpart O;
- o Recommendations from ANSI;
- o The various types and applications of machine guarding methods;
- o Guidelines and practical approaches to safety related work practices.

This course is approved for IACET CEUs and ISSP credit.

Free Tuition • Enroll today!

614.466.6375

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