

PPD ES&H Newsletter

April 2010

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ES&H Fair—Earth Day

On April 22nd, the ES&H group and division ES&H personnel will be available in the Wilson Hall Atrium during the ES&H fair to answer any environmental, safety or health questions you may have. Booth topics at this fair will include:

- The Fermi Sustainable Energy Club
- Fermi Natural Areas
- The Energy Reduction & TEAM Goals
- Greenhouse Gas Accounting and Reduction Efforts
- Electronic Product Environmental Assessment Tool (EPEAT)
- Environmentally Preferable Purchasing (EPP)
- Sustainable Buildings



Please stop by to check out the various environmentally-oriented topics covered this year, and pick up some fun give-away items!

PPD Grassroots Safety Committee

The PPD Grassroots Safety Committee is made up of non-supervisory employees from various PPD Departments. They meet monthly to discuss unsafe or questionable work conditions or practices within the division. The committee reports to the Division Head and the Senior Safety Office. The ES&H Department is also available for consultation and additional help to resolve identified issues.

If you have a safety concern/topic/suggestion you would like addressed or reviewed by the Grassroots Safety Committee, you can contact a member directly or via email.

PPD Grassroots Safety Committee Members:

[Ed Dijak](#)—Tech Centers

[Steve Huey](#)—Site Department

[JJ Schmidt](#)—CDF

[Albert Dyer](#)—Electrical

[Bill Lee](#)—D0

[Crae Tate](#)—Support Services

April is National Distracted Driving Awareness Month

April was [recently designated](#) as National Distracted Driving Awareness Month, and to learn more about this movement, visit [FocusDriven](#)'s website. Their mission is to raise awareness of the dangers of distracted driving and provide support for victims and family members of victims injured in a distracted-driving accident.

Don't forget to complete your [Traffic Safety Awareness training](#) if you have not already done so.

Flood Safety Awareness

Flooding causes approximately \$5 billion dollars in damage each year in the U.S. Flooding can occur in any of the 50 states at any time of the year.

Flash floods are usually caused by slow-moving thunderstorms or thunderstorms that move over the same area one after the other. Flash floods usually occur within six hours of heavy rainfall and are usually more life threatening, according to the National Weather Service.

The majority of deaths from flooding occur when people become trapped in automobiles that stall while driving through flooded areas. Nearly half of all flood fatalities are vehicle-related. If you come upon a flooded road, [turn around!](#) Do not attempt to drive through.

Check out the following for more information:

- [Sump Pump Tips](#) by North Dakota State University, offers advice for maintaining your sump pump
- [Floodsmart.gov](#) provides information on your flood risk, flood insurance and flood preparation and recovery
- The [American Red Cross](#) has fast facts on flood preparedness



Harness Recycling



PPD ES&H's Jose DeLaO and Rob Bushek cut apart old fall protection harnesses so the metal parts (D-rings, buckles, etc.) can be scrapped for recycling. Great job guys!

Battery Recycling Video

To learn more about battery recycling at Fermilab, please check out PPD's [new video](#). The video stars and was produced by members of PPD ES&H.



Spring Cleaning

It's that time of year again to start thinking about cleaning out the closets, basements, and garages. There are many people and places that can benefit from used clothing and other household items. A lot of things may not be reusable, but most likely you can recycle them. See below for places to take old clothes, electronics, and household items.

Spring Cleaning Safety Tips

Around the house:

Clothes, Household Items, and Small Appliances:

Goodwill
[www.goodwill.org](#)

Salvation Army
[www.salvationarmy.org](#)

Military Order of the Purple Heart
[www.purpleheart.org](#)

AMVETS
[www.amvets.org](#)

Building Products:

Habitat for Humanity
[www.habitat.org](#)

[www.habitat.org](#)

Computer, Electronics, and Office Equipment:

Best Buy (Any Location)
[www.bestbuy.com](#)

Office Max (Any Location)
[www.officemax.com](#)



- Choose nontoxic products for your spring cleaning. For example, vinegar and water is an inexpensive and effective window cleaning solution. Read all labels on cleaning supplies before use.
- Test all your smoke and carbon monoxide (CO) alarms to ensure they are working. Change the batteries at least once every year. Most smoke and CO alarms also need "spring cleaning" maintenance - check your manual.
- Install carbon monoxide alarms in your home (it is [Illinois law](#) that homes have at least one carbon monoxide alarm installed within 15 feet of each sleeping area).
- Use the right type of ladder and set it up properly when using.
- Always keep stairs, steps, landings and floors clear when cleaning out closets or reorganizing.
- Keep armloads short enough that you can see over them, and keep one hand free to hold banisters and railings.
- Get help and use proper lifting techniques when moving heavy furniture.

In the yard:

- Choose the right tool for the job. Read manufacturer's instructions before using tools.
- Wear gloves when working with sharp objects.
- Wear protective clothing while handling fertilizers and pesticides.
- Wear proper eye protection.
- Store gasoline for mowers and machines away from ignition sources.
- Wear ear plugs when mowing or weed-whacking.
- Do not wear jewelry (e.g. rings) or loose clothing while operating equipment with moving parts.



Hard Hats: 101



A hard hat (safety helmet) is the most common type of personal protective equipment (PPE). It is used in instances where there is a potential for electrical hazards, burns, impact from falling objects, flying debris, or bumps with fixed objects.

There are 3 different classes of hard hats:

- Class G—General Helmets are rated to protect the wearer from up to 2,200 volts of electricity.
- Class E—Electrical Helmets are rated to protect the wearer from up to 20,000 volts of electricity.
- Class C—Conductive Helmets provide NO electrical protection.

There are also 2 "types" of hard hats:

- Type I—provide impact protection only from blows to the top of the head.
- Type II—provide impact protection from blows to the top and sides of the head.

There is no established "service life" of a hard hat. ANSI does publish "Useful Service Life Guidelines," which suggest to replace your hard hat's suspension every 12 months, and the whole hard hat every 5 years. However, it is a requirement to inspect your hard hat daily. If you should find signs of dents, cracks, penetration or other damage due to impact, rough treatment or wear, the hat needs to be replaced immediately.

Fix-a-Leak Week



While Fix-A-Leak Week has already passed (March 15-21), it's never too late to take care of those water leaks in your home. Did you know that a leak in a home can waste on average 10,000 gallons of water a year!? That would be enough to fill a backyard swimming pool!

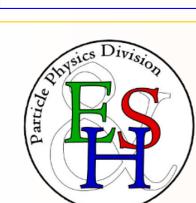
Here's how to identify leaks around your home:

- Check your water meter before and after a two-hour period when no water is being used. If the meter changes at all, you probably have a leak.
- Search for toilet leaks by placing a drop of food coloring in the toilet tank. If any color shows up in the bowl after 15 minutes (without flushing), you have a leak. (Be sure to flush immediately after your test to avoid staining the tank.)
- Another good method to check for leaks is to examine your winter water usage. It's likely that a four has a serious leak problem if its winter water use exceeds 12,000 gallons per month.

Click [here](#) to learn how to fix the leaks you may find in your home. You can also observe for leaks in your work area; should you find one, please contact the building manager to have the leak addressed.

PPD March Injuries

No injuries to report!



Challenge

Winner of the ES&H Coffee Mug:



Suzanne Saxer

Question: What circumstances require you to receive approval from the Division SSO, in addition to approval from the Fire Department when performing welding, cutting or brazing?

Answer: When welding, cutting or brazing within 25 feet of flammable gases or liquids.

March Winners!!

Winner of the Harley Davidson Safety Glasses w/ Case:



David Huffman

Winning Caption:

Don't just stand there, get in the cab! I need some ballast!

Caption contest runners-up:

- But this never happens-up with my Tonka trucks.
- I told you to let the clutch out gently!
- Get back in and pull ahead slowly!
- One big step for Man, one GIANT fall for Ma
- I'm sorry! The truck had "a little gas" and ind
- And THAT'S how you pop a wheelie!
- And people always told me I was one brick short of a full load!
- Guess I shouldn't have loaded that 2670th brick!



April Contest #1—Captions

For a chance to win a pair of Mossy Oak Safety Glasses w/ case:

Provide a *humorous* caption for the following picture:



April Contest #2

Provide a response to the following query, and you could win a PPD ES&H coffee mug:

Explain how you fixed a leak in your home.



Please submit your responses/answers to [Angela Sands](#) by April 28th.

(If there are multiple correct answers/entries, a drawing is held.)

Did you find this newsletter helpful? Does it have the kind of information you are looking for? Your feedback is important. Please continue to use the [electronic safety concern database](#), the suggestion boxes in your area, or send comments to Angela Sands, [asands@fnal.gov](#)