

# The Leading Edge

December 2016



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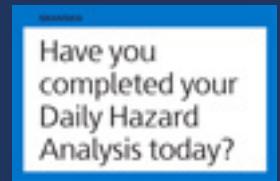
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# A Unified Front



As we close out the year, I can't help but reflect on how far we have come and where we need to continue working. One thing that is clear to me is the commitment to safety by all Skanska employees and partners. By and large, the majority of Skanska employees are never content to stop striving to reach zero.

We are heading into our second year of a unified environmental, health and safety department at Skanska. Unification allowed the EHS team to pool our strengths and ensure we have a consistent approach to safety across all business units.

We identified a need to define, or redefine, our "why." Our partners in operations teamed with EHS to develop what is now our Care for Life training, which helps our employees identify why they work safely and what we can all achieve together.

From feedback, we heard that information overload is an issue. To pare down on initiatives, we rolled out quarterly focus areas. We identified specific risks, such as material handling and housekeeping, and worked to mitigate our exposure to those risks on all our projects.

2017 will be another year of challenges and growth as we move forward together to our target of Zero.



**Paul Haining, Chief EHS Officer**

## 2016 Highlights

- Rolled out unified EHS Management System on all new projects and began transitioning existing projects.
- Quarterly focus areas allowed us to target areas of concern and decrease our exposure to risk.
- New Care for Life training added to all employee learning plans.
- Commercial Development added an EHS director – Jason Timmerman – to help achieve a first-class safety standard and IFE culture within CDUS.
- The PlanIt tool is being further customized to better serve our project teams and subcontractors. Look for some of these updates in 2017.



# Living Our Values

## Care for Life Extends Beyond Our Own Site

In many areas of Nashville, construction is booming: new roads, infrastructure improvements, retail buildings and multi-family housing are all under simultaneous construction. That sort of hectic environment is where our Lifeway Corporate Headquarters project is. Teamwork and communication have been essential to ensuring the safety and productivity of everyone on our site and one of our partners in the community took note.

Nashville Electric Services (NES) noticed the proximity of a Manitowoc 888 crane next to high-voltage power lines and stopped its work to inspect conditions. NES was so impressed with our safety setup that they returned to photograph and document our work for use in training their own crews and contractors.

Barriers were installed around the Manitowoc 888 crane so the operator would know his exact limits for the crawler and its 200-foot boom. Material handling zones were identified so the crane could move safely and efficiently. Any picks scheduled on breezy days were rescheduled to ensure a safe swing radius. In line with our unified procedures rolled out this year, our Lifeway team plans each scope of work in a construction work plan two weeks before work begins. As work progresses, teams fill out a daily hazard analysis to further assess risk.

This process helps the team strategize meticulously.

The crane and all precautionary measures are inspected daily to ensure a safe operating environment. Project



Superintendent Jeff Akers explains, “It really shows how, if we follow our policies and procedures, everyone stays safe and we can have an industry-leading EHS program.”

Skanska has long been a leader in pursuing and sharing life-saving initiatives. “From anti-crush aerial work platform requirements to our material

handling policy and everything in between, these efforts are most successful when shared with our partners, clients, and subcontractors, so they benefit as well,” observes Vice President of EHS Paul Settle. “Ultimately, it all has a positive impact on the industry, reduces injuries and saves lives.”

The Lifeway project is set for completion in the third quarter of 2017.

## Winter Emergency Kit

During the winter months, it is especially important to always be prepared. Whether you live in areas prone to winter storms or where winter leisure activities involve high-elevation mountain passes, here are some items you should be sure to have with you when traveling on the road:

A full tank of gas	Ice scraper/shovel	Flares /candles	Tire chains
Flashlight	Gloves and warm clothing	Blankets	First aid kit
Phone charger	Jumper cables	Water and snacks	Necessary medications

Don't forget your Skanska safety vest for high visibility in case roadside assistance or car repairs are required!

# All Roads Lead to Safety

## How One Cool Competition Motivates Workers

By Meagan Smyth, Proposal Administrator

Jobsites all over the country have come up with innovative ideas to spread safety awareness while getting people involved. Skanska's safety policies outline the right things we need to do to get our workers home safely each day, but they are not simply printed, signed and forgotten about. Here, at Skanska, we realize that the only way to truly reach our goal of zero incidents is to empower everyone to be an officer of safety. We are all in this together.

Competitive Power Ventures (CPV Valley), a power project in upstate New York, recently held a competition where craft employees were asked to submit names for the roads running throughout the site. The winners received a special lunch, a Yeti individual drink cooler and the opportunity to hang their preferred sports team banner from the whip line of one of the several cranes on-site.

The competition sparked a lot of interest and soon safety sign suggestions were pouring in. So many great entries were received that the team even picked a few honorable mentions.

Rick Walter, Vice President of Power and Energy Operations, was impressed by the great response and the lasting impression the competition had created in the work environment. He asked the project owners if they could leave the work site street signs up even after the project was completed. Competitive Power Ventures thought that this competition was a great idea and agreed to keep the signs up permanently.



Laborer Pasquale Destio, who submitted "Teamwork Road," shared his excitement on the competition and how it motivated workers on site to really embrace the safety mindset. "I think this

competition is fantastic – it's a nice pat on the back that you don't get at other projects," says Pasquale. "It's great working with a company that focuses on safety so much and gets us involved in the process."

The contest sparked conversations about safety and gave workers a chance to make an impact. "We at the CPV project wanted to have a really safety-driven project, so when Rick suggested this contest I knew it would be a hit," says Environmental, Health and Safety Engineer Laura Villani. "We've had a huge response and people are really excited to see their names on the signs. A lot of us can drive by a project and tell our family and friends 'Hey, I built that' but here these employees will be able to say, 'Hey, I built that and named one of the streets on that site.'"

## Gearing up for the New Year

Looking for a resolution you can stick to? Follow these three easy steps to a healthier you!

### 1. Balance Calories

Enjoy your food, and eat slowly. Pay attention to your body's cues that you are full. Avoid oversized portions by using smaller plates and bowls. When eating out, share a plate or take half of it home.

### 2. Increase Good Foods

Make half your plate fruits and vegetables. Make at least half your grains whole grains (like 100 percent whole wheat bread and brown rice). Switch to plain greek yogurt for double the protein and half the carbs.

### 3. Reduce Bad Foods

Compare sodium in foods like soup, bread and frozen meals. Choose the foods with lower numbers. Drink plenty of water instead of sugary drinks. Cut back on foods high in solid fats and added sugars. They're great as occasional treats, but not everyday foods.

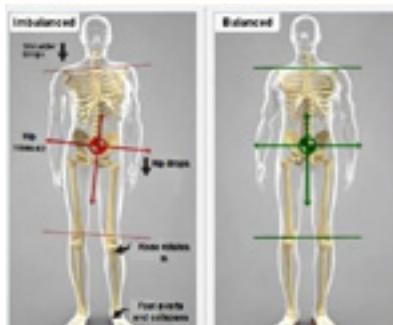
# Health Forum

## Know When to Replace Your Work Boots

By Whitney Williams, EHS Coordinator

Old work boots can lead to pain in your feet, knees, hips, and back due to poor support. Excessively worn soles can leave you unbalanced and lead to slips, trips or falls.

Having tired and achy feet could also lead to the development of musculoskeletal pain. The kinetic chain is the idea that the joints and muscular tissues have an effect on one another during movement — when one is in motion, it creates a ripple effect of events that affects the movement of neighboring joints and segments. Pain in your feet can cause pain to develop up the kinetic chain to your knees, hips, or back.



### Tips on how to know when to replace your boots:

- Inspect the bottom sole. If the tread is excessively worn, they probably no longer provide any slip resistance. Wear patterns showing excessive over-pronation or supination could also be a predictor to the development of musculoskeletal pain.
- Inspect the exterior material. Work boots should not have rips or tears in the exterior material or at the seams. If a protective component such as a reinforced toe has worn through the exterior material, it's time to replace.
- Inspect the steel or composite toe for dents often if they are subject to regular low impacts.



## Setting a New Standard for Head Protection

Personal protective equipment (PPE) continues to advance as we learn to better understand risk and how best to prevent incidents.

“When you consider Skanska recorded 250 injuries to the head and face in 2015, you can’t help but think we could do more to prevent these types of incidents,” says EHS Director Jason Timmerman. “That is why in 2017 Skanska will be piloting 250 Kask hard hats nationwide.”

Kask hard hats have an integrated structure, combining the greatest level of protection with the lightest possible mass to ensure comfort and safety. These hard hats come equipped with a chin strap which keeps the helmet on workers’ heads no matter their task and several attachment points for a visor or ear protection.



“Our current hard hats are rated for impact to occur on the top of your head, but these new hard hats are also rated for front and rear impacts,” says Vice President of EHS Clark Peterson. “If something hit the brim of a typical hard hat the fit would shift or the whole hat would come off. That isn’t an issue with the streamlined fit and chin strap.”

As PPE continues to evolve, Skanska’s EHS professionals continue to ensure that our workers are using the best tools. Allowing the use of sub-standard equipment or worker protection is an unnecessary risk and can lead to injury, illness or even a fatality.



If you would like to pilot one of the Kask hard hats or have questions contact your local EHS director.

# EHS Extras

## Coming up!

- High impact kick-off in January
- 2017 Q1 Focus Area: Jobsite Start-up
- Save the Date: Safety Week 2017 is May 1 -5

## Learn Spanish keywords and phrases

Have you completed your Daily Hazard Analysis? –  
¿Usted complete su Análisis de peligros Diario?

Have you completed your Construction Work Plan? –  
¿Usted revise su Plan de trabajo de Construcción?

Material Loading Zone – Zona de Carga

Material Unloading Zone – Zona de Descarga

Hi-viz Vest - Chaleco de Alta Visibilidad

Safety Glasses - Lentes de Seguridad

Hard Hat- Capacete

Safety-toed Work Boots - Botas de trabajo de seguridad

ANSI Cut Level 3 Gloves- Guantes Resiste a ANSI  
Cortaduras Nivel 3

## Congratulations!

- Paige Priskie earned her Associate Safety Professional (ASP) certification
- Chad Haggerty earned his Certified Safety Professional (CSP) certification
- Katherine Burke earned her Construction Health and Safety Technician (CHST) certification
- Patrick Walker earned his CHST certification
- Erin DiFrancesco earned her ASP certification
- Kevin Newlan earned his ASP certification
- Kevin Leondi earned his CSP certification
- Jason Timmerman has joined Skanska Commercial Development as an EHS Director

Questions about anything in this issue or have an idea for the next issue of The Leading Edge?

Contact Emily Peters: [emily.peters@skanska.com](mailto:emily.peters@skanska.com)

## New Jobsite Signage Available at FastSigns!

Visit the FastSigns order site [here](#) to see all the new signage, updated materials and prices.

