

SAFETY POST

Monthly Recap of Company-wide Safety Improvements | OCTOBER 2024

BUILDING OUR SUCCESS THROUGH BEST PRACTICES & LESSONS LEARNED



[*Listen to Dave Miles' message here*](#)

THE EFFECTIVENESS OF BEST PRACTICES

Best practices have always been a cornerstone of our approach to enhancing our safety programs. Our safety leaders collaborate closely with craft and management teams to create and communicate best-in-class processes. While some best practices emerge from incidents, many of the very best comes from the creativity of our people overcoming a challenge. This approach ultimately strengthens our teams and programs and improves our overall performance.

How do we define a best practice?

A best practice is the product of districts and projects proactively discovering the best method to accomplish a challenge specific to their work, people, and environment. It serves as a benchmark for others to learn, adopt, and implement fostering a culture of continuous improvement. In other words, if there is a known best practice the question should be, why aren't we adopting it? These practices challenge us to go above the minimum standards of our safety program and challenge us all to become close to the goal of Nobody Gets Hurt.

Use, communicate, and share best practices!

Don't sit on a great idea, share it! Not every best practice will fit every job, but maybe your best practice or one that you've seen does. You may have the idea that reshapes a project challenge into a safety policy or program that reshapes the approach our entire company. See what is out there currently and do not hold back on communicating your ideas. The [General Safety Best Practices](#) section of the Corporate Safety SharePoint is a one-stop-shop for all gathered best practices. Topics include:

- [Site-Specific Safety Plan \(SSSP\) Section Best Practices](#)
- [Hand Safety](#)
- [Personal Protective Equipment \(PPE\) Visual Reference Guide](#)
- [Best Practices Tied to Non-Negotiables](#)

UNDERSTANDING PAST INCIDENTS FOR FUTURE SUCCESS

It's essential that we learn from past incidents, especially those with the potential to cause serious injury or even fatalities. By applying the lessons learned from these incidents into our training efforts, we can significantly reduce the likelihood of recurrence.

How can we learn from past incidents?

- By pinpointing the underlying factors, we can prevent similar issues from arising in the future.
- We can refine our safety processes to address any gaps.
- Our teams can generate new, innovative ideas that emerge from analyzing past incidents.
- Understanding past incidents allows our teams to develop effective strategies to better identify and mitigate.
- Engaging our teams in the analysis of past incidents fosters a sense of personal ownership and accountability.

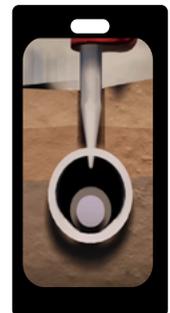
How do Incident Reenactment videos enhance our understanding?

The manner in which information is presented significantly affects how effectively it is retained. Potential Severity Level (PSL) 4/5 and Fatality Reenactment Videos were developed to effectively educate our people. These videos utilize engaging 3D animations to illustrate the details of the incident, clearly convey what happened, highlight key takeaways, and feature firsthand accounts. This approach ensures that critical information is easily understood.

Visit the [Corporate Safety Video Library](#) for all training videos.



**Reenactment from the 2016 fatality at the McCook Tunnel project*



**Reenactment from the 2024 PSL 4 incident at the CSU Flying Horse Substation project*

BLUEBEAM USERS: WHEN THE LEADERSHIP MESSAGE VIDEO OPENS IN BLUEBEAM, COPY AND PASTE THE URL INTO A BROWSER WINDOW TO WATCH THE VIDEO.

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SHARED LESSONS AND IMPROVEMENTS FROM RECENT POTENTIAL FATALITY EVENTS

Full incident summaries can be reviewed by clicking on the [*project name](#)

HEI

Incident Report: [EVR Line Creek Operations](#)

Near Miss: A survey worker was marking grade in a trench when a skid steer operator began reversing. The operator was unaware that the surveyor was located behind him. The surveyor moved onto the trench slope to avoid the skid steer.

- Verify that safeguards are physically in place and being executed as per the plan.
- Execute operation per the completed [Human Equipment Interaction Planning Tool](#).

WORKING AT HEIGHTS

Incident Report: [IPP Repowering](#)

Lost Time: During a rework operation, an employee tied off to an unsupported guide plate and attempted to pull himself up. The guide plate shifted, causing the employee to fall to the ground. The plate also fell, striking his right shoulder and side.

- FLS to complete post-operation inspections to ensure no remaining unfinished work remains that could pose a hazard.
- Project Manager-led training for all supervisors on rework procedures, planning, and overall expectations.
- Superintendent-led inspections in designated areas focused on identifying and securing any unfinished materials and approving fall protection anchorage points.

Incident Report: [CHPE Astoria Converter Station](#)

Near Miss: At the beginning of shift, a half-inch threaded rod for a cable tray support backed out from the roof anchor and fell 55 feet to the floor where crews were scheduled to work that day.

- Plan did not account for vibrations from roof operations.
- Hanging threaded rods should be "positively" locked into anchor with jam nut, nylock, or similar.

CRANES / LIFTING & RIGGING

Incident Report: [Gross Reservoir Expansion](#)

Near Miss: As a carpenter crew was dismantling rigging used to hoist stadium lights in place, the hook on the crane came in contact with the cross member of the light assembly, causing a single light to break off and fall in the vicinity of workers below.

- Signal person assigned to operation must not be performing any other tasks while signaling.
- When difficulties arise during an operation, the crew needs to stop, get assistance, and confirm the correct plan is in place.
- Use a wireless camera for block to assist crane operator visibility, especially in inclement weather.

Incident Report: [Kiewit Offshore Services \(KOS\)](#)

Recordable: While booming up a Liebherr LR 1300SX crane, the left luffing boom pendant bar fell, striking an employee on the left forearm.

- Revised the assembly/disassembly process to account for the following:
 - Clear expectations for each signature, who is signing for what,
 - Hold point verification, and
 - Operation interruptions (start/stop/start).
- Click [here](#) for adjusted assembly / disassembly work plan checklist.

LAST 12 MONTH'S TOP PSL 4/5 INCIDENTS BY LSA CATEGORY

Below are the Top 5 PSL 4/5 LSA Incident Categories for the last 12 months (10/1/2023 - 10/1/2024) and the total number of incidents within that category. [Click here for a link to the Power BI Safety Incident Reporting site.](#) This tool can be used to track safety trends for projects, districts, and the organization.

ENERGY ISOLATION / LOTO

6

CRANES

5

HUMAN EQUIPMENT INTERACTION

4

MAINTENANCE OF TRAFFIC

4

LIFTING & RIGGING

3

RECORDABLES FROM THE LAST 60 DAYS

PROJECT NAME	CATEGORY	POTENTIAL SEVERITY LEVEL	ACTUAL SEVERITY LEVEL
IH 820 Southeast Connector	Crush Points	2	1
Flyway 470	Crush Points	2	2
IH 820 Southeast Connector	Crush Points	2	2
Magnolia Power	Crush Points	2	2
Shady Hills Energy Center	Material Handling	2	2
Camp Hall Rail Phase 2	Walking (Slips / Trips)	2	2
Houston Ship Channel Project 11	Access / Egress	2	2

Disclaimer:

As investigations unfold the classification of an incident can sometimes change as new or better information becomes available. This creates a situation where an incident may initially be entered with a lower potential and not highlighted on the daily snapshot. To ensure we do not miss an opportunity to learn from a serious incident, the recordables that occurred during the past two months will be listed here in the Safety Post.

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UNDER THE HAT | KNOW YOUR RESOURCES

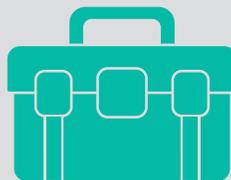


WHAT RESOURCES ARE AVAILABLE?

Visit [UndertheHat.com](https://www.underthehat.com) for all mental well-being materials and determine the best resources based on YOUR need and your country's specific Employee Assistance Program (EAP) resources.



Jobsite Materials: Signage, hard hat stickers, wallet cards, and more.



Monthly Toolbox Talks: Each month a new toolbox talk with talking points will be available about a different topic.



Printable Materials: Overview content based on each country's provider information, learning materials, and outreach materials.



EMPLOYEE TESTIMONY

Levi Tyree, MECI District Safety Manager, shares his own experience using the Under the Hat resources:

“My wife and I are experiencing the loss of a parent. I came home from work one day and my wife showed me the Under the Hat flyer we received. I was familiar that services were available but didn't realize those resources were available to my wife as well. Under the Hat provides services for YOUR family. I appreciate the growth of the outreach the team has done to get this message out. It has helped my family navigate the loss of our family member and begin the healing process.”

Want to hear more employee testimonies? The Under the Hat podcast series features candid conversations with Kiewit employees about their mental health experiences around various topics. Click [here](#) to listen!

MARK YOUR CALENDAR! UPCOMING UNDER THE HAT WORKSHOPS

25

OCTOBER

Coping with
Distressing
Current Events

15

NOVEMBER

Men's Mental
Health

9

DECEMBER

Substance
Use Disorders:
Challenging
Myths & Building
Compassion