

SAFETY POST

Monthly Recap of Company-wide Safety Improvements | AUGUST 2024

KREWSTUDY: UNDERSTANDING OUR CREWS

WHAT IS A KREWSTUDY?



[*Listen to Brad Kaufman's message here*](#)

KrewStudy (formerly Learning Teams) is an organic approach to getting feedback and information directly through discussion-based interviews with crews on a project. In this month's video, Brad Kaufman shares his thoughts on their effectiveness following his experiences with KrewStudy.

To many projects, KrewStudy is a new tool, however, for those that have already used it, their teams have greatly benefited from the findings.

With the conversation being guided by a trained, unbiased facilitator, the information gathered is used to make our teams better. We are aiming to listen, learn about their day, dive into the crew's thoughts and perspectives, and seek to understand. This cannot be achieved, however, without preparation, a skilled facilitator, and an environment where employees feel safe enough to share their thoughts.

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

THE POWER OF A KREWSTUDY

The need to conduct a KrewStudy can stem from, but is not limited to:

- Learning the dynamics of a struggling crew
- Learning the day-to-day actions and synergy of a crew that has an outstanding performance
- Gauging if leadership messages are heard and understood by the field
- Following a safety incident and determining the contributing factors to WHY it happened

When discussions occur with multiple disciplines, over the course of the project, the results can lead to **better safety, quality, production, team culture, and improved communication**. It's just good practice to conduct them!

WANT TO LEARN MORE?

As we relaunch KrewStudy to the organization this month, we've got some new tools to help you identify and train facilitators to conduct your own KrewStudy.

A facilitator's role is critical in the process. We've put together a Facilitator Training video to help you identify who'd make a great facilitator, a Facilitator Guide to help them get ready for a KrewStudy and we've also conducted a full KrewStudy at Kiewit Offshore Services (KOS) to show you how one should be run from start to finish. If you have questions, please reach out to Krista Geller, safety director, for more information on getting trained and conducting your own KrewStudy.

KREWSTUDY RESOURCES:

- [KrewStudy Facilitator Overview Training Video](#)
- [KrewStudy Facilitator Guide](#)
- [Watch a KrewStudy from start to finish at Kiewit Offshore Services \(TWO HOURS\)](#)

ELIMINATING FATALITIES - DON'T FORGET THE LESSONS WE'VE LEARNED

We continue to see many of the following factors still play a role in our potential fatality incident reviews. Please review as a team what you can do to continue to attack these trends:

- Ensure you have the right level of supervision and management engagement at the start of each shift ensuring our crews are set up for success.
- Conduct effective Play of the Day (POD) meetings to discuss where our greatest risks are and verify the right level of supervision will be present. Night shift needs a formal POD – shift turnover meetings do not serve this purpose alone.
- Ensure proper coverage/oversight throughout the org. chart when employees are on PTO, turn-around, etc.
- Management ownership - set the tone of expectations, hold teams accountable and celebrate successes.
- Identify the right level of risk and look critically at repetitive operations.
- Ensure every project has the right level of off-site sponsorship.

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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](#)

TSCD

Incident Report: [GPA-OT Wharf Construction](#)

Near Miss: A 275-Ton Kobelco CK2750G crane was positioned on the Kiewit Atlantic Spud Barge. During an operation to place a pile driving template onto its stringers/supports, while setting the final template into its final position, the chain sling supporting the stringers failed. Lessons learned:

- When your operation changes, be sure to update your Work Plan and Start Card/Hazard Analysis with the appropriate details and precautions.
- Verify that safeguards are in place and being executed as required.
- Train your project on the [Corporate TSCD Procedures](#) and inspect regularly to ensure those procedures are being followed.

CRANES

Incident Report: [Greenville Yard](#)

Lost Time: During an installation operation of new wire rope, an employee's hand was caught between the wire rope and winch drum while trying to reposition themselves. Lessons learned:

- Development of a Winch Spooling SOP with guidance from the Corporate Crane Services team. *Coming soon.*
- Updating work plans to eliminate Crush Point / Line of Fire with:
 - Controlled Access Zone (CAZ)
 - Assigned Spotter with a good communication plan (additional radios)
 - Winch is to be stopped and dogged off prior to personnel access.
- Providing training on identifying and reducing hazards with the use of Section 2 of the Start Card to incorporate additional safeguard protective measures.

MOT

Incident Report: [Lonoke Bridges](#)

First Aid: While an employee was in the process of staging a manlift inside a left lane closure, a third-party truck passing by, contacted the corner of the man basket. Lessons learned:

- Equipment that needs to be repositioned will back out of the closure to staging area to allow for ample room to adjust.
- Hold points will be added to the operation to ensure all parts of a closure are in place prior to entering a lane closure with equipment.

Incident Report: [I-17, Anthem Way](#)

First Aid: While a crew was performing guardrail repairs, a third-party truck entered the work zone and struck the employee's left arm with their mirror, knocking the employee to the ground. The employee was located on the passenger side of the crew truck nearest to the guardrail repair. Lessons learned:

- Verify MOT plans are approved for the work being performed.
- Do not stand on the traffic side of vehicles.
- Complete MOT operations during low-risk traffic hours.

TSCD TRAINING FOR TIC MARINE & HEAVY CIVIL



In June 2024, two training sessions occurred at the TIC Marine training center, led by KIE TSCD District Representative, Phil Ellman and KIE Regional Temporary Works Manager, Caleb Justis with a total of 55 participants. Participants learned to recognize TSCD items and the importance of seeking clarification when needed. District Manager Chuck Hucks emphasized the need for front-line supervisors to attend and understand TSCD thoroughly.

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 (8/1/2023 - 8/1/2024) 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
7
UTILITIES
5
CRANES
4
EQUIPMENT
4
HUMAN EQUIPMENT INTERACTION
4

RECORDABLES FROM THE LAST 60 DAYS

PROJECT NAME	CATEGORY	POTENTIAL SEVERITY LEVEL	ACTUAL SEVERITY LEVEL
Cass County Solar 150 MW	Crush Points	1	2
Tijuana River Barrier	Crush Points	2	1
Columbia Blvd. WWTP Expansion	Walking (Slips / Trips)	2	2
Saragosa Rock Operations	Crush Points	2	2
JBER Runway Extension 16/34	Hand / Power Tools	2	2
IPP Repowering	Crush Points	3	3
INL Navy SFHP Structural Erection	Crush Points	3	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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THE FOLLOWING ARE NEW RESOURCES



NEW DEWALT PERFORM & PROTECT DRILL

This month DeWalt is releasing a new Perform & Protect (P&P) hammer drill /drill driver. Click [here](#) for the updated Buyer's Guide in English, French and Spanish. Expected deliveries are:

US: Kit – August

Canada: Bare Tool – Mid/Late August;
Kit – Mid-September

Reach out to Bethannie.Lett@kiewit.com at Kiewit Supply Network with any questions.

UTILITY TOOLKIT



The Utility LSA toolkit materials and training are now available for projects to use. When rolling out the toolkit materials in your district or project, the below information can be helpful.

- **Selected designated person is responsible for the following:**
 - Develop the Site Specific Utility Plan – utilize existing project templates
 - Develop and maintain the Live Utility Map (LUM) – include links to technology and best practices
- **Understand the minimum process to obtain an underground variance.**
 - Jobs / districts can create a more strenuous process
 - Get support from KIE for job start up and Live Utility Mapping (LUM)
- **Utilize the Utility SMEs**
 - John Cloutier
 - Taylor Murdaugh
 - Garrett Coffin
 - Tylor Botorff
 - Vinnie Lavallette

Materials can be found on the Corporate Safety SharePoint page [here](#).

SUMMER SAFETY TOOLS

During the summer months, we historically see a higher number of incidents. Many of these are related to heat.

As of July 29, we've had 43 heat-related incidents so far this year. Our project teams must have a plan in place to beat the heat and consistently re-evaluate.

To better train our people on the signs, symptoms, and treatments, the following materials have been developed and must be used in the field:

- **Heat Awareness Give Me 5s**
 - [The Night Before Work](#)
 - [Workday](#)
 - [Post Shift](#)
 - [Recognition & Treatment](#)
- **New Heat Illness Poster: Pg 3**
- **Best Practices** from across the company. See what other projects and districts are doing to keep their people safe in the heat.

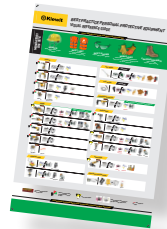
CORPORATE CRANE MANUAL UPDATES

The Corporate Crane Policies and Procedures Manual (CCPPM) was recently revised. Equipment and safety teams should review and ensure a plan is in place to check that projects are executing these changes. Key updates are as follows:

- Chapter 1: Authorized Operator Program – Additional language
- Chapter 2: Site Inspection and Setup (Previously Chapter 25)
- Chapter 6: Inspections – Additional section (Boom Erection Inspection)
- Chapter 9: Rigging and Riggers – Additional language
- Chapter 16: Operational Aids and Safety Devices – Additional language

Click [here](#) for Rev. 15 of the CCPPM. For any questions, contact - Crane.Services@kiewit.com

BEST PRACTICE PPE VISUAL GUIDE



This best practice guide provides a framework regarding what personal protective equipment (PPE) to utilize on-site and what additional gear may be needed based on specific tools for an operation.

Additional information includes: Use of Perform & Protect tools, silica dust hazard, etc.

The PPE Visual Reference Guide Best Practice can be found [here](#).

UNDER THE HAT | UNDER YOUR ROOF

In August, the Under the Hat Steering Committee continues its "Under the Hat Under Your Roof" awareness campaign as a reminder that the company's EAP/EFAP providers extend their mental well-being resources to your family and any members of your household.

Soon, the HR/Safety Under the Hat Monthly Update will be sent to all employees. These emails contain helpful articles, tools and toolbox talks. We never want to gatekeep these tools. You and your entire household can access it now by clicking on or sharing this [link](#). Then just click the, "Join Our Email List" button and submit whichever email addresses you'd like to have access.

Kiewit's EAP/EFAP providers offer services for all seasons of life, not just in times of crisis. For example, managing stress, personal relationships, childcare, financial struggles, and many more.

Visit UnderTheHat.com for more information.