

THE VALUE OF
COPPER

**Morenci Townsite Contractor
Safety Meeting**

September 18, 2024



**Please Silence Your Cell Phones
Mute Your Microphone on Teams**

Scan to Sign In



ICMM
Member



All Operating Sites



fcx.com



- New Townsite Safety Pro – Robert Franco – 928-965-0198

- Safety Share
 - Equipment exam finding
- Environmental share
- Burks
- Safety Stats
- Safety Alerts
- SUNDT Safety Share

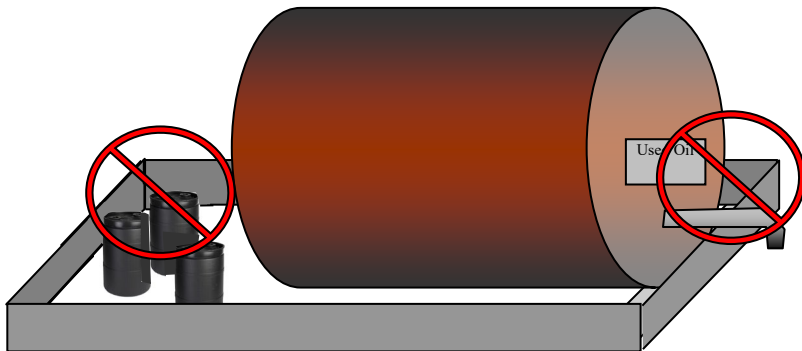
Environmental Share

Secondary Containment

September 2024

Purpose: An emergency storage system that:

- Is designed to contain releases from tanks and prevent them from entering the environment.
- Provides protection from spills caused by operational errors, such as overfilling.
- Allows for the detection of leaks.



Things to watch out for:

- Ensure spigots/drain valves do **NOT** hang over the edge of the containment.
- Do **NOT** allow storage of materials or drums within the containment wall EXCEPT spill kits.
- Do **NOT** allow containments to fill-up with accumulated rainwater – it must be drained to maintain necessary capacity.
- Housekeeping – **NO** debris / trash inside the containment.

Regular Maintenance & Daily Inspections:

- Ensure **drains/valves** are closed and operational & repair ASAP if leaking.
- Seal/reseal **cracks** in containment.
- Check for accumulated **rainwater**.
- Inspect surrounding area for **petroleum, contaminated soil** & clean spills.
- **Inspect tank/drum** for leaks, stains, corrosion, bulging/dents.
- Ensure all assigned **spill kits** are fully stocked and in place.

All secondary containment systems must have sufficient capacity to contain 110% volume of the tank, drum or sump to prevent overflow of material.

57.20008 Toilet facilities

- a) Toilet facilities shall be provided at locations that are compatible with the mine operations and that are readily accessible to mine personnel.
- (b) The facilities shall be kept clean and sanitary. Separate toilet facilities shall be provided for each sex except where toilet rooms will be occupied by no more than one person at a time and can be locked from the inside.

Burks Sanitation provides a critical service

Issue in field:

- –Ty-vek suits in porta johns.
- –Parking in service access
- –Picking up tipped over units

Impacts:

- Safety/time/cost
- Time/ skipped service
- Unsanitary units/ no notification

- You can help

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Safety Stats

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Morenci Townsite TRIR



Morenci Townsite Zero Days

	Last Reportable Injury	Recordable	Medical Treatment	Restricted Duty	Lost Time	First Aid	Property Damage	Near Miss
	9/9/2024	8	8	280	1155	390	152	1840
Contractor Name	Last Reportable Injury	Recordable	Medical Treatment	Restricted Duty	Lost Time	First Aid	Property Damage	Near Miss
Sollers Construction	9/9/2024	8	8	280	No LT	461	468	1840
Brightview Landscaping	12/3/2023	289	289	713	1155	390	152	2045
Velocity	10/28/2021	1055	1055	No RD	No LT	No FA	No PD	1958
Webster Energy		No REC	No MT	No RD	No LT	No FA	No PD	No NM
Total	9/9/2024	8	8	280	1155	390	152	1840

Morenci Specific Policies & Forms

FFLE Policy

- Conveyor Safety Standard
- Townsite Blue Stake Checklist
- Townsite Training Checklist
- MWE Training Checklist

Monthly Safety Hours - TRIR - Submit to MOR-Contractor-TRIR@fmi.com



[Contractor TRIR Spreadsheet](#)

Contractor TRIR

FREEMPORT-McMoRAN

Morenci Contractor TRIR

Last Refresh:
9/4/2024 4:51:41 PM

3 Near Miss	70 Property Damage	69 First Aid	3 Lost Time	7 Medical Treatme...	14 Restricted Duty	0 Fatality
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Date:

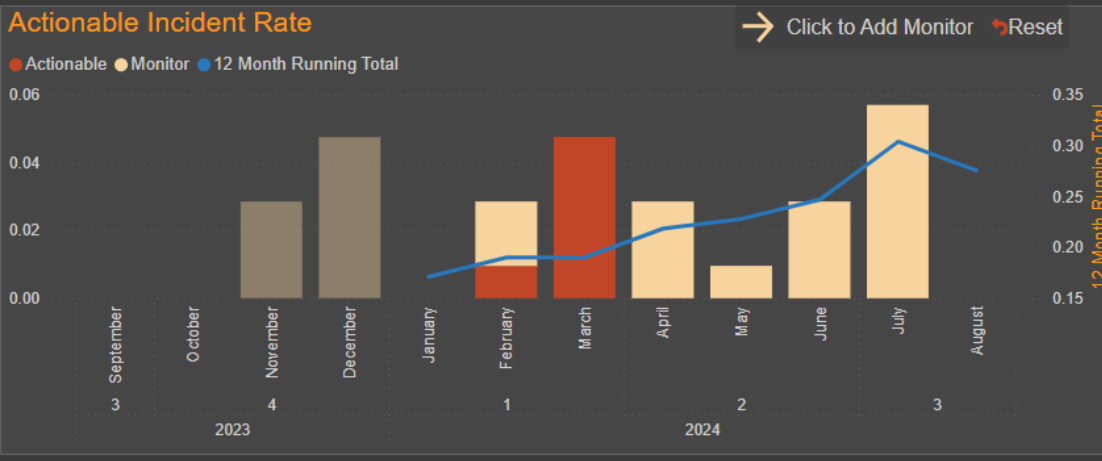
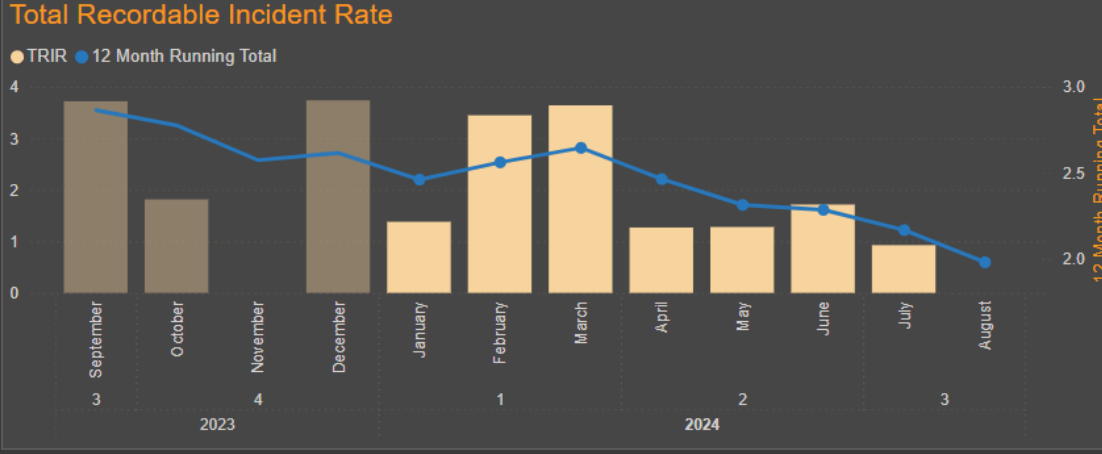
- Contractor Name**
- Select all
 - Ace Industries Inc
 - Advanced Lining Solutions ...
 - AECOM
 - American Power LLC
 - AMES CONSTRUCTIONS
 - Arizona Electrical Apparatus
 - B.J. Cecil Trucking Inc.
 - Barney Trucking
 - Boart Longyear
 - Bowman Consulting
 - Brahma Group
 - Brightview Landscaping
 - Burks Valley Sanitation LLC
 - Call & Nicholas Inc
 - Caltrol
 - Canary Systems
 - Carrier
 - CKC Construction & Materials
 - CnR Construction Services

1.85
TRIR

24
Total Recordables

0.13
High Risk Incident Rate

14
Total High Risk



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Potential Fatal Events

August 2024

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Falling Objects

Potential Fatal Event: Dozer Hard Nose Falls During Maintenance

Preliminary Incident Details

Operation	Chino
Date / Time	August 21, 2024 / 11 p.m.
Event Type	Injury – Lost Time
Summary	Two contractor employees were replacing a dozer engine in the maintenance bay. The hard nose was removed and resting on 4x4 cribbing. As the employees removed pieces of the radiator, the hard nose fell and briefly contacted one of the employees, who fell to the floor. A mayday was initiated, and the Emergency Response Team transported the employee to the hospital for further medical treatment.
Risk Category	Actionable – Significant (3) Likely (3)
Findings / Missing Controls	<ul style="list-style-type: none"> • Extra parts on the floor created a tripping hazard. • Hard nose was not secure while employees were working on removing the radiator. • Task lacked a standard operating procedure. • Inadequate cribbing/blocking.
Applicable Policies / Procedures	<ul style="list-style-type: none"> • No applicable policy.
Employee Condition	<ul style="list-style-type: none"> • Employee sustained bruising and fractures to the hip.
Contact	<ul style="list-style-type: none"> • Jim Cook, Manager-Health and Safety • David Atwater, Manager-Mine Maintenance

Photos / Links



Final resting location of the hard nose and location of employee after fall.



The 4X4 cribbing used to rest the hard nose on.

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Policy Updates

September 2024

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PublicPortal.FMI.com/HSPolicies

<u>Policy</u>	<u>Talking Points (As Available)</u>	<u>Last Revision Date</u>
Dept. of Occupational H&S Policy Administration		07/2024
Aviation Safety Policy		08/2022
Bus Safety		12/2014
Confined Space		03/2018
Control of Hazardous Energy Sources (LOTOTO)		08/2019
Crane and Rigging	Crane and Rigging Policy Changes	07/2024
Electrical Safety		08/2019
EW ER		02/2017
Flagging and Barricading		01/2019
Hazardous Gas Monitoring Systems and Appurtenances		04/2021
HDPE Pipe Handling		01/2019
Heat Stress Guidelines - English Spanish		03/2022
Hot Work - English Spanish		03/2018
Industrial Railroad		06/2017
Interaction with Heavy Mobile Equipment - Surface Road Design, Light Vehicles, and Ground Personnel		02/2017
Material Handling Conveyance		10/2016
Metal Fume Control		04/2021
MSHA Training Requirements for Contractors and Visitors (SOP)		03/2011
Property Entry Guidelines - Surface Mines North America		03/2011
Round Stock Management Policy		01/2020
Standard Safety Requirements Policy		01/2019
Sulfuric Acid Bulk Handling Policy		05/2024
Surface Blasting		10/2021
Utility Location (Blue Stake)		12/2013
Working at Heights		03/2018
Working Hours & Fatigue Management Policy - English Spanish		07/2022

Crane & Rigging Policy Updates

- The FCX Crane and Rigging policy has been updated to meet OSHA standards: Requiring those operating mobile cranes rated for 2,000lbs/907kg and above to be certified by the National Commission for the Certification of Crane Operators (NCCCO).
- Mobile cranes include boom trucks, carry deck cranes, rough terrain, all terrain, truck mounted, articulated boom trucks, and crawler mounted cranes.
- Those currently operating under a different certification can continue until it expires. After that, an NCCCO certification will be required.
- Operators of service truck cranes used exclusively for maintenance/repair activities are not required to be NCCCO certified.
- Resources:
 - [PublicPortal.FMI.com/HSPolicies](https://www.fmi.com/HSPolicies)
 - [NCCCO - OSHA's Crane Rule Resource Center](https://www.nccco.org/OSHA-Crane-Rule-Resource-Center)
 - [NCCCO - OSHA's Rule FAQs](https://www.nccco.org/OSHA-Crane-Rule-FAQs)

Please fill out if you have any crane operators that will need to be NCCCO certified.



<https://forms.office.com/r/E9YNC0nXXP>

Policy Review Process Townsite

Process:

- September starts with FMI employees for COHE
- September Townsite Contractor Safety Meeting (3rd Wednesday) will roll out program to contractors with them starting in October.
 - Ensure each safety meeting has a section for discussion of previous month's findings and actions.
 - Ensure contractors receive links and documents for the next month's topics during the e-mail of the meeting.
- Leadership in each area will communicate Policy and relevant documents in sections to their employees during tailgates and commit to discussion.
 - Identify gaps between training, policy, and what we are practicing in the field.
 - Create actions for work stoppage, variances, or additional resources and assign a responsible person with a completion date.
- Conduct Knowledge checks with employees.
 - Give immediate feedback on missed questions for discussion with the group to gain alignment.
- Ensure all documents and knowledge checks are accessible by contractors.
- Ensure contractors turn in rosters for completion verification.

Morenci H&S Policy Review Schedule

- **PROCESS:** Policy Review – Work Audit / Gap Analysis – Knowledge Checks – Training – Action
- If policy applies to your company – please have site leadership attend these sessions. Invites will be sent out with links to resources.

Morenci Contractor Policy Review Process						
Month	Meetings	Policy	FRM Checklist	Digital Knowledge Check	Paper Knowledge Check	Knowledge Check Answers
September 2024	9/24/2024	Control of Hazardous Energy	FRM- CoHE Checklist	CoHE Knowledge Check (MS Form)	CoHE Knowledge Check (Paper Form)	CoHE Knowledge Check Answers
October 2024	10/22/2024					
November 2024	11/19/2024	Working at Heights				
December 2024	12/17/2024					
January 2025	1/21/2025	Crane and Rigging				
February 2025	2/18/2025					
March 2025	3/18/2025	Hot Work				
April 2025	4/15/2025					
May 2025						
June 2025						
July 2025						
August 2025						

Townsite Policy Review Schedule

September/October 2024	Control of Hazardous Energy / TS
November/December 2024	Standard Safety Requirements
January/February 2025	Confined Space / TS
March/April 2025	Working at Heights / TS
May/June 2025	Flagging and Barricading
July/August 2025	Hot Work
September/October 2025	Utility Location / Procedure / AZ811 Quick
November/December 2025	Electrical Safety / Energized Work TS
January/February 2026	Heat Stress Guidelines
March/April 2026	Round Stock Management

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Guest Speaker - SUNDT

September 2024

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Morenci Contractor Safety Meeting

Dale Gossett and CiCi
Villalba




for yourself


for your family

SAFETY BY CHOICE


Stop the STCKY®


for your coworkers

  Hello there! I'm ChatSafetyAI, your virtual construction safety expert! I'm here to help you with all your construction safety-related concerns. Just ask me anything, and I'll do my best to provide you with clear and concise answers to keep you safe on the job site! 😊👤

 is zero accidents possible in construction?

 Zero accidents

 please continue

 Zero accidents in construction is an ambitious goal, but it may be challenging to achieve complete elimination of accidents. However, it is crucial to strive for continuous improvement in safety to minimize the number and severity of accidents. Here are some key points to consider:

1. **Safety Culture:** Establishing a strong safety culture within the construction industry is essential. This involves promoting safety as a core value, encouraging open communication, and fostering a proactive approach to identifying and addressing potential hazards.
2. **Risk Assessment:** Conducting thorough risk assessments before starting any construction project helps identify potential hazards and implement appropriate control measures to mitigate risks.
3. **Training and Education:** Providing comprehensive safety training to all workers, including hazard recognition, proper equipment usage, and emergency procedures, can significantly reduce accidents.
4. **Safety Equipment:** Ensuring the availability and proper use of personal protective equipment (PPE) is crucial. This includes hard hats, safety glasses, gloves, and fall protection gear, among others.
5. **Regular Inspections:** Conducting regular inspections of the job site helps identify potential hazards and take corrective actions promptly.
6. **Communication and Reporting:** Encouraging workers to report near misses, incidents, and potential hazards promotes a proactive safety culture and allows for timely corrective measures.

While achieving zero accidents may be challenging, implementing these measures can significantly reduce the risk of accidents and create a safer work environment. Remember, safety is a collective responsibility, and everyone on the job site plays a vital role in ensuring a safe working environment. ■

Zero



What is the Goal?

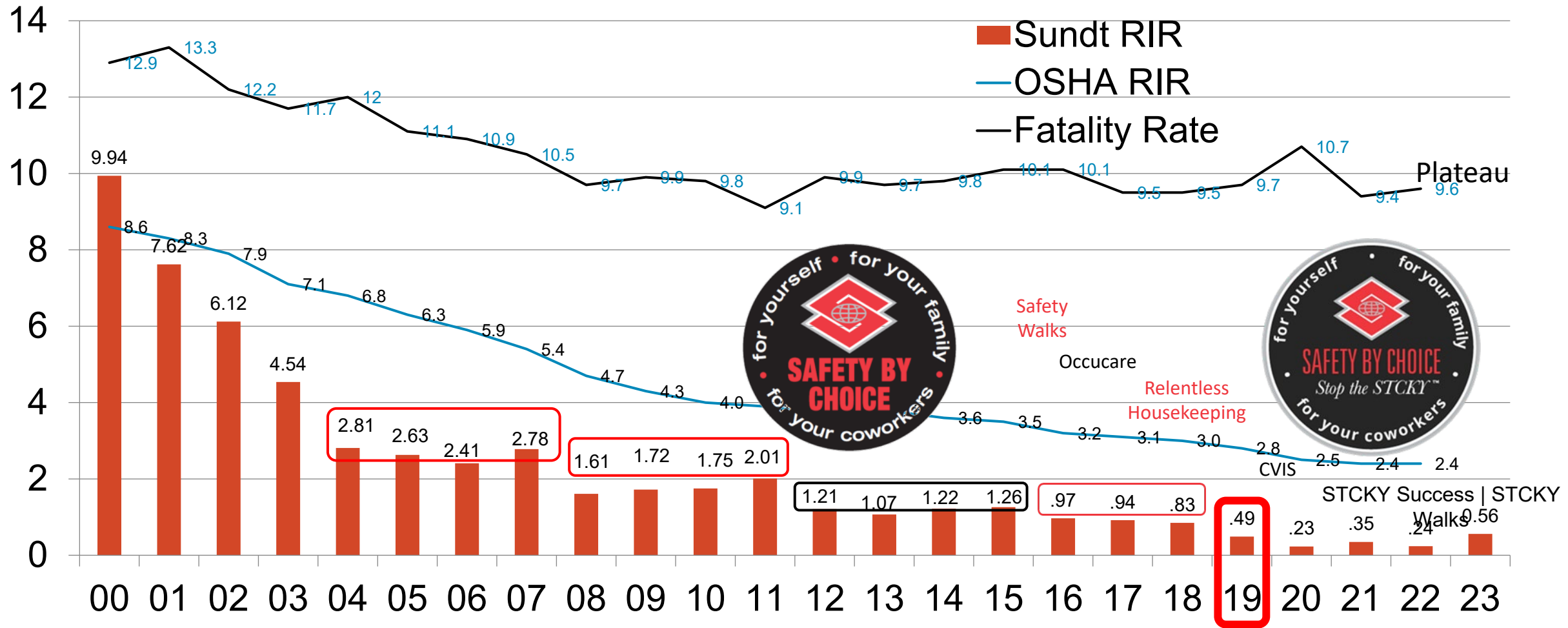
- Zero Incidents
- Zero Injuries
- STCKY Zero
- 100% STCKY Success

Zero



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OUR SAFETY JOURNEY



Sundt is enhancing our traditional rules-based compliance program by leveraging the principles of energy-based safety and human performance.



STOP The STCKY is designed to recognize and mitigate **high-energy hazards**, (STCKY - S#! That Can Kill You),

through the identification, implementation, and execution of **direct controls and safeguards**.

Dashboard Homepage

SELECT AN ACTION TO NAVIGATE TO THE DASHBOARD

A

PLAN THE WORK
WORK THE PLAN

UNDER CONSTRUCTION

ENGAGE OUR
WORKFORCE

UNDER CONSTRUCTION

WALK OUR JOB SITES

COACH OUR TEAMS

OWN RELENTLESS
HOUSEKEEPING

UNDER CONSTRUCTION

REPORT & MANAGE OUR
INCIDENTS



Engagement



- Off-The-Job



- On-The-Job



- Doing-The-Job

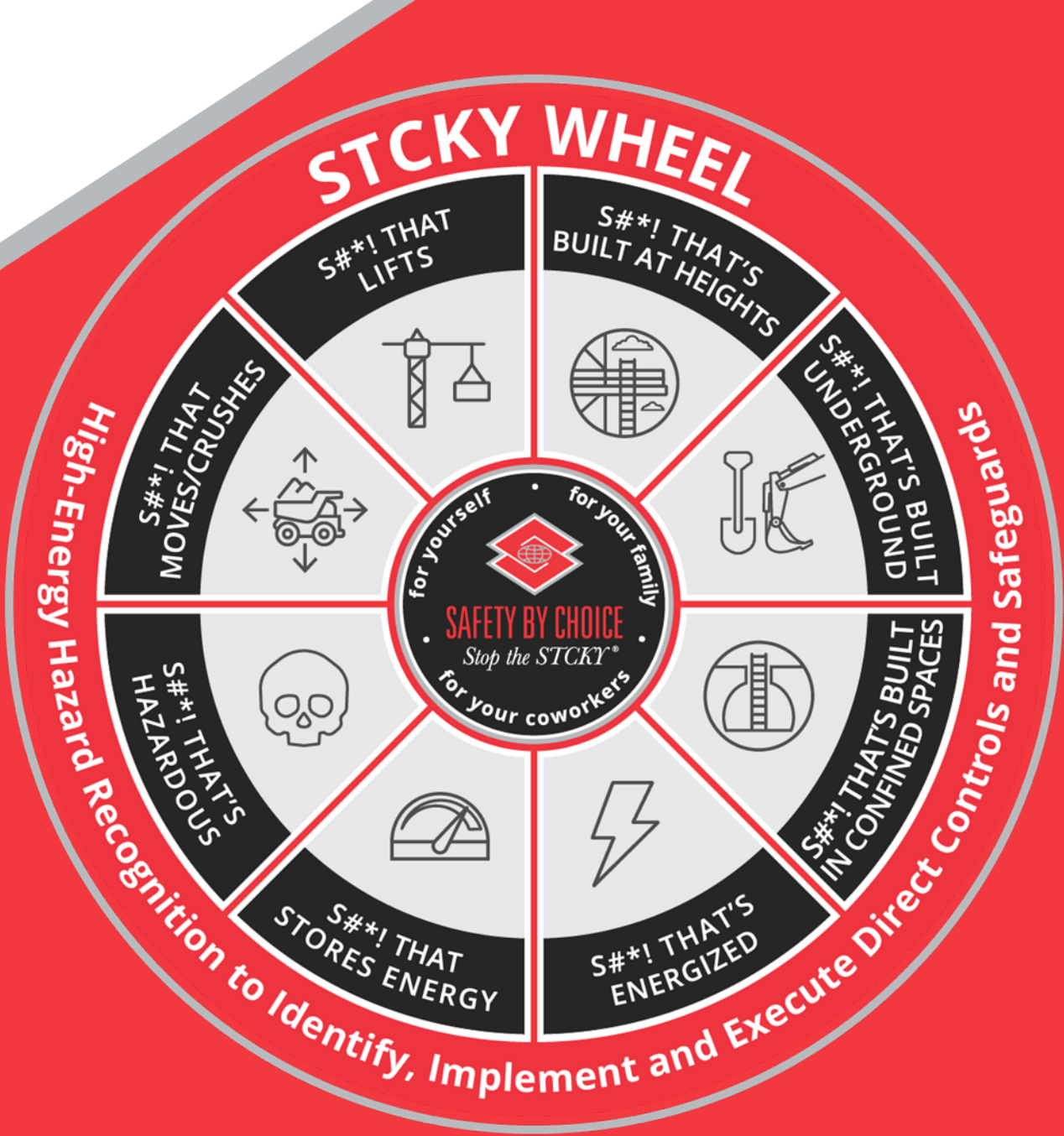




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High Energy Control Assessments

STCKY Walks



STOP THE STCKY[®]

Our beliefs fuel our actions and our actions drive our results



Beliefs

LEARNING

Learning is a deliberate improvement strategy. Ask "how" instead of "why." Accountability still in play.

MISTAKES

To err is human. We will make mistakes.

DEVIATIONS

How we work our plan is not always how we planned our work.

CONTEXT

We choose what we do for a reason, and that reason makes sense to us in that moment.

RESPONSE

Blame fixes nothing. Our response to unplanned events shapes how we learn.

SHOW ME STCKY

Speak up | Listen up for STCKY

Practice Radical Candor: Care Personally & Challenge Directly

Actions

**PLAN THE WORK
WORK THE PLAN**

**ENGAGE OUR
WORK FORCE**

**WALK OUR
JOB SITES**

HAZARD RECOGNITION



PUSH VERSUS PULL

**COACH OUR
TEAMS**

**OWN RELENTLESS
HOUSEKEEPING**

**REPORT AND MANAGE
OUR INCIDENTS**

Results

TIR
Total Incident Rate

STCKY
Success

STCKY
Luck

STCKY
Injury

STCKY WALKS
STCKY Success | STCKY Luck

RIR
Recordable Injury Rate



STCKY Walks



10:38 [Signal] [Wi-Fi] [Battery]

< Projects **Modules** [Refresh]

[Icon: Hard Hat] **HS&E**

[Icon: Gear] **Quality**

[Icon: Scales] **Compliance**

[Icon: Layers] **Projects** [Icon: Document] **To-Do List** [Icon: Bell] **Notifications** [Icon: Menu] **Menu**

10:38 [Signal] [Wi-Fi] [Battery]

< Modules **Categories** [Refresh]

HS&E

[Icon: Hard Hat] **Forms**

[Icon: Hard Hat] **Stop the STCKY**

[Icon: Layers] **Projects** [Icon: Document] **To-Do List** [Icon: Bell] **Notifications** [Icon: Menu] **Menu**

Stop the S... **Forms** **Tasks** [Search] [Menu]

[Icon: Document] **S#!t That Lifts**

[Icon: Document] **S#!t That's Built at Heights**

[Icon: Document] **S#!t That's Built in Confined Spaces**

[Icon: Document] **S#!t That's Built Underground**

[Icon: Document] **S#!t That's Energized**

[Icon: Document] **S#!t That's Hazardous**

[Icon: Document] **S#!t That's Moves | Crushes**

[Icon: Document] **S#!t That's Stores Energy**

[Icon: Layers] **Projects** [Icon: Document] **To-Do List** [Icon: Bell] **Notifications** [Icon: Menu] **Menu**



STCKY Walks



STCKY CONTROLS

* Utility strike prevention measures in place? [i](#)

- Yes
- No

* Atmosphere within excavation verified as safe for work? [i](#)

- Yes
- No

* Safe access to the work area? [i](#)

- Yes
- No
- Not Applicable

* Cave-in protection in place? [i](#)

- Yes
- No
- Not Applicable

2:09



< Back

Details

Cave in Protection in Place?

Cave Excavations 5 feet deep or greater have a protective system

Excavations greater than 20 feet in depth designed by professional engineer

Spoils, materials, and equipment set back at least 2 feet from the edge of the excavation

Loose rock or soil at excavation face sealed back

Sloping / Benching –

Sloping/Benching appropriate for soil classification

Type A Soil - 3/4 - 1 If 12' or less and open for less than 24 hrs.

Type B Soil - 1 - 1

Type C Soil - 1 1/2 – 1

Trench Box or Shield –

Tabulated Data on site

Box placed to prevent lateral movement

Box extends 18" above excavation

Box no more than 24" from bottom of excavation

Hydraulic Shoring –

Tabulated Data must be on site

STCKY CONTROLS

* Cave-in protection in place? [i](#)

- Yes
- No
- Not Applicable

* Cave in Protection - Corrective Actions

- Install protective system for excavations 5' deep or greater
- Secure design document for excavations greater than 20'
- Set back spoils, materials, and equipment least 2' excavation edge
- Seal back loose rock or soil at excavation face
- Prevent accumulation of water
- Ensure sloping/benching appropriate for soil classification
- Type A Soil - ¾:1 If 12' or less and open for less than 24 hrs.
- Type B Soil – 1:1
- Type C Soil - 1 ½:1 (type C soil cannot be benched)
- Ensure tabulated data on site



STCKY Walks



STCKY CONTROLS

STCKY CONTROLS

STCKY CONTROLS

STCKY CONTROLS

* Reason for lack of Cave in Protection controls? [i](#)

- Cave in hazard(s) not recognized
- Cave in control(s) not identified
- Cave in control(s) not implemented
- Cave in control(s) not executed

* What prevented the hazard from being recognized? Select all that apply.

- Lack of Knowledge [i](#)
- Inadequate training [i](#)
- Lack of awareness [i](#)
- Insufficient risk assessment [i](#)
- Rushed planning or inadequate preparation [i](#)
- Lack of communication [i](#)
- Inadequate hazard identification process [i](#)
- Unclear responsibilities [i](#)
- Assumptions and biases [i](#)

* Reason for lack of Cave in Protection controls? [i](#)

- Cave in hazard(s) not recognized
- Cave in control(s) not identified
- Cave in control(s) not implemented
- Cave in control(s) not executed

* What prevented a control from being identified? Select all that apply.

- Lack of familiarity with specific high energy hazards [i](#)
- Inadequate training on high energy controls [i](#)
- Insufficient risk assessment [i](#)
- Lack of available control options [i](#)
- Resource constraints [i](#)
- Time constraints [i](#)
- Risk Tolerance [i](#)
- Emphasis on production [i](#)
- Lack of communication and collaboration [i](#)

* Reason for lack of Cave in Protection controls? [i](#)

- Cave in hazard(s) not recognized
- Cave in control(s) not identified
- Cave in control(s) not implemented
- Cave in control(s) not executed

* What prevented the control from being implemented? Select all that apply.

- Cost considerations [i](#)
- Lack of understanding or awareness [i](#)
- Resistance to change [i](#)
- Inadequate planning [i](#)
- Resource constraints [i](#)
- Time constraints [i](#)
- Lack of leadership support [i](#)
- Perceived inconvenience [i](#)
- Risk Tolerance [i](#)

* Reason for lack of Cave in Protection controls? [i](#)

- Cave in hazard(s) not recognized
- Cave in control(s) not identified
- Cave in control(s) not implemented
- Cave in control(s) not executed

* What prevented the control from being executed? Select all that apply.

- Inadequate training [i](#)
- Lack of supervision [i](#)
- Risk Tolerance [i](#)
- Lack of accountability [i](#)
- Failure to maintain equipment [i](#)
- Miscommunication or misunderstandings [i](#)
- Production pressures [i](#)
- Resource constraints [i](#)
- Lack of awareness [i](#)



STCKY Walks



Complete Assessment

* Location | Notes | Comments

250 characters remaining

Frontline supervisor(s) responsible for operation [i](#)



STCKY Success - Description of Recognition

4000 characters remaining

Individuals receiving recognition (Select all that apply)

Complete Assessment

* Location | Notes | Comments

250 characters remaining

Frontline supervisor(s) responsible for operation [i](#)



STCKY Luck - Description of Coaching

4000 characters remaining

Individuals receiving coaching (Select all that apply)



SUNDT

High Energy Control Assessments

STCKY Walks



Engagement



Red Boards

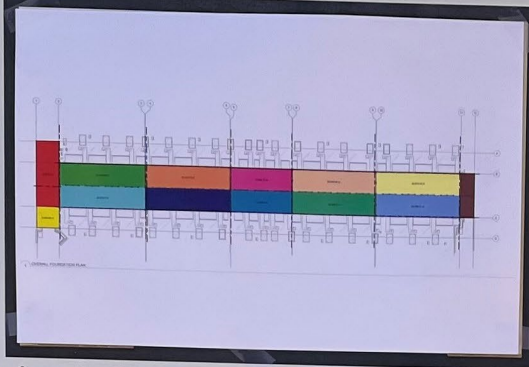
• Doing-The-



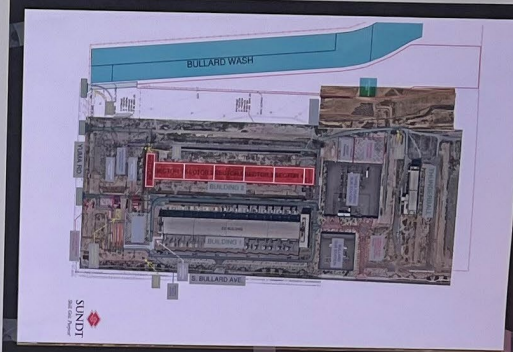
WEEKLY PRODUCTION GRAPH



SEQUENCE PLAN / SCHEDULE



LOGISTICS MAP / STAGING PLAN



FOREMAN: EDUARDO FIBREROA - 602-748-7974

FOREMAN: TODD BUN - 602-339-7449

SUPERINTENDENT: GERARDO LOPEZ - 602-370-9307

PROJECT ENGINEER: WILLIAM HEATON - 503-318-7971

STCKY

- Impalements
- Struck By / Caught Inbetween
- Overhead Loads
- Electrical Shock
- Other trades in work area
- Cuts (Power tools)
- Dehydration

QUALITY

- Double check Layout & Elevation
- Trenches are in correct location
- Slip dowels are straight
- Forms are plumb & Aligned
- Turn buckles are snug & Half'n'Half
- Chamfer is straight
- Channels are secure: AC Pads
- Vapor barrier has 6" overlap
- Diamonds are set to correct elevation
- Expansion has 2" Kerf
- Proper spacing on ALL Dowels/Embedment
- Trim bar installed @ all corners

PRODUCTION

- Drill holes for slip dowels: SB
- Prep/Set Headers: Downway Sector 0
- Layout Equipment Pads: SB
- Set Panels/Form for Equip. Pads: SB
- Strip Equip. Pads: 2B/2A
- Lay down Vapor barrier: Sector 0
- Set up for Placement: Sector 0 Pads: 1B
- Install Richmond dowels
- Cut channels for AC Pads -> PREP
- Apply Blackhawk: Sector 3 & 4

INSPECTIONS

- 4/25: SPEEDIE - CYLINDERS @ 12AM
- 4/26: SPEEDIE - EPOXY @ 1230 PM
- 4/27: SPEEDIE - CYLINDERS @ 1AM

PLACEMENTS

- 4/25: Equip. Pads - 2B/2A @ 12AM
120 cu yds w/ Pump truck
- 4/26: S.O.G. Sector 0 180 cu yds
w/ Pump truck



HOT TOPICS & NOTES

- House Keeping (Relentless)
- Inspect all equipment prior to use
- Pinch Points
- Uneven terrain
- Wildlife
- Ergonomics
- Use a spotter (if needed)
- All material on damage
- Proper P.P.E. for task @ hand
- Drink Water
- Inspect all tools prior to use
- Hand/Body Position
- Pay attention to flagging/Signage

DATE

04/26/23 90° / Sunny

Occucare
866-268-0884
Shawn Werner
602-920-8213





RED BOARD ENGAGEMENT ASSESSMENT

- Was a systematic description of today's scope of work given to the crew?
 - Did we discuss sequencing of the scope or the flow of the schedule?
 - Did we reference the location of the scope of work and potential staging on an overall logistics plan?
- Has the STCKY exposure been addressed as it relates to today's activities?
 - Have we identified all applicable exposures compared to the STCKY energy wheel?
 - Was there interactive discussion during STCKY topics?
- Were the controls discussed to mitigate the STCKY exposure for today?
 - Were safe behaviors or action encouraged?
 - Were specific controls discussed for each STCKY hazard recognized?
- Have the necessary tools and equipment been identified and discussed?
 - Were the tools and equipment required by the crew to complete today's scope of work discussed?
 - Have we recently inspected these tools and equipment for safety and operational compliance?
- Did we discuss breaks, stop work authority, safety time-outs, reporting of all incidents, as well as looking out for each other?
 - Daily reinforcement of breaks, hydration, and safety incident reporting procedure encouraged?
 - Empower all employees to stop any unsafe conditions being performed by any workers or trades.
- Have we talked about quality expectations related to the final product?
 - Was it conveyed to the crew the quality requirements in the specifications?
 - What materials are we using to achieve the desired final product?
- Did the supervisor address productivity expectations with the crew?
 - How many units (linear feet, square feet...) does the crew have to install today?
 - What does success look like? In what time frame?
- Have we informed the crew of critical schedule items?
 - Areas and Times of inspections, today and later this week?
 - What day and time are we scheduled for concrete placement?
- Did we finish the meeting with any hot topics relevant to the entire team?
 - Hot topic examples: other trades working concurrently in the area, weather, project visitors, etc.
- Has the supervisor involved feedback from other participants throughout the meeting to encourage engagement?
 - Did the supervisor "pull" information from the crew involving today's plan?



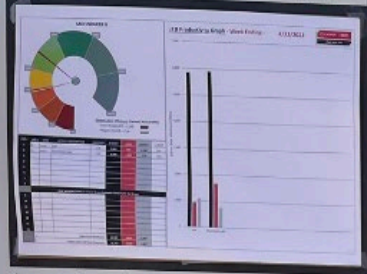
ASESORIA DEL COMPROMISO DE EL PIZARRON ROJO

- ¿Se dio a el equipo una descripción sistemática del alcance del trabajo de el día?
 - ¿Discutimos la secuencia del alcance o el flujo de el Horario?
 - ¿Hicimos referencia a la ubicación del alcance del trabajo y la posible puesta en escena en un plan logístico general?
- ¿Se ha abordado la exposición a STCKY en relación con las actividades actuales?
 - ¿Hemos identificado todas las exposiciones aplicables en comparación con la rueda de energía STCKY?
 - ¿Hubo discusión interactiva durante los temas de STCKY?
- ¿Se discutieron los controles para mitigar la exposición a STCKY para hoy?
 - ¿Se alentaron comportamientos o acciones seguras?
 - ¿Se han examinado los controles específicos para cada peligro de STCKY?
- ¿Se han identificado y discutido las herramientas y el equipo necesarios?
 - ¿Se discutieron las herramientas y el equipo requeridos por el equipo para completar el alcance del trabajo de hoy?
 - ¿Hemos inspeccionado recientemente estas herramientas y equipos para garantizar la seguridad y el cumplimiento operativo?
- ¿Discutimos los descansos, la autoridad de detener el trabajo, los tiempos de espera de seguridad, el informe de todos los incidentes, así como cuidarnos unos a otros?
 - Se fomenta el refuerzo diario de los descansos, la hidratación y el procedimiento de notificación de incidentes de seguridad
 - Empoderar a todos los empleados para detener cualquier condición insegura que realicen los trabajadores u oficios.
- ¿Hemos hablado de expectativas de calidad relacionadas con el producto final?
 - ¿Se transmitió a el equipo los requisitos de calidad en las especificaciones?
 - ¿Qué materiales estamos utilizando para lograr el producto final deseado?
- ¿El supervisor hablo de las expectativas de productividad con la tripulación?
 - ¿Cuántas unidades (pies lineales, pies cuadrados...) tiene que instalar el equipo hoy?
 - ¿Cómo se ve el éxito? ¿En cuanto tiempo?
- ¿Hemos informado a el equipo de los elementos críticos de el horario?
 - ¿Áreas y tiempos de inspecciones, hoy y durante esta semana?
 - ¿Qué día y hora estamos programados para la colocación de concreto?
- ¿Terminamos la reunión con algún tema urgente relevante para todo el equipo?
 - Ejemplos de temas urgentes: otros oficios que trabajan simultáneamente en el área, clima, visitantes de proyectos, etc.
- ¿Ha participado el supervisor en la fomentación de otros participantes durante toda la reunión para fomentar el compromiso?
 - ¿El supervisor sacó información de el equipo que involucraba el plan de hoy?

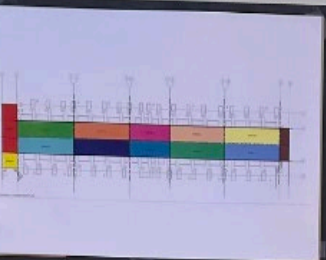


RED BOARD ENGAGEMENT ASSESSMENT

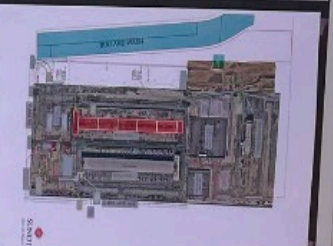
WEEKLY PRODUCTION GRAPH



SEQUENCE PLAN / SCHEDULE



LOGISTICS MAP / STAGING PLAN



FOREMAN: EDUARDO FERRERA - 602-748-7474 FOREMAN: TROY BAY - 602-859-7494 SUPERINTENDENT: RICARDO LOPEZ - 602-870-8897 PROJECT ENGINEER: WILLIAM HARTON - 602-319-7471

STCKY

- Implementers
- Struck By / Caught Inbetween
- Overhead Loads
- Electrical Check
- Other trades in work area
- Cuts (Power tools)
- Dehydration

QUALITY

- Double check Layout & Elevation
- Trenches are in correct location
- Strip dowels are straight
- Formwork plans & Aligned
- Turn buckles are snug & Half'n'Half
- Character is straight
- Channels are secure; AC Pads
- Vapor barrier has 6" overlap
- Dimensions are set to correct elevation
- Expansion has 2" kerf
- Proper spacing on ALL Dowels/Embedment
- Form bar installed @ all corners

PRODUCTION

- Drill holes for strip dowels: SB
- Prep/Get Headers: Downway Sector D
- Layout Equipment Pads: SB
- Set Posts/Form for Strip Pads: SB
- Strip Prep Pads: SB/2A
- Lay down Vapor barrier: Sector D
- Set up for Placement: Sector D
- Install Rebar: dowels
- Cut channels for AC Pads w/ Prep
- Apply Blackhead: Sector S + A

INSPECTIONS	PLACEMENTS
4/25: STRIPS & ISOMA	4/25: Equip. Pads - 2B/2A @ 2AM
4/26: STRIPS - EASY @ 10AM	150 sq yds w/ Pump truck
4/27: STRIPS - COLUMNS @ 1AM	4/28: S.O.G. Sector D 150 sq yds w/ Pump truck

HOT TOPICS & NOTES

- House Keeping (Relentless)
- Inspect all equipment prior to use
- Push Prints
- Unseen Terrain
- Wildlife
- Ergonomics
- Use a spade (if needed)
- All material on drawings
- Proper P.P.E. for task & hand
- Drink Water
- Inspect all tools prior to use
- Hand/Body Position
- Pay attention to Hangers/Supports

DATE: 04/26/23 90° / Sunny

Occurecare
866-268-0884
Shawn Werner
602-920-8213



1. Was a systematic description of today's scope of work given to the crew?

- Did we discuss sequencing of the scope or the flow of the schedule?
- Did we reference the location of the scope of work and potential staging on an overall logistics plan?

2. Has the STCKY exposure been addressed as it relates to today's activities?

- Have we identified all applicable exposures compared to the STCKY energy wheel?
- Was there interactive discussion during STCKY topics?

3. Were the controls discussed to mitigate the STCKY exposure for today?

- Were safe behaviors or action encouraged?
- Were specific controls discussed for each STCKY hazard recognized?

4. Have the necessary tools and equipment been identified and discussed?

- Were the tools and equipment required by the crew to complete today's scope of work discussed?
- Have we recently inspected these tools and equipment for safety and operational compliance?

5. Did we discuss breaks, stop work authority, safety time-outs, reporting of all incidents, as well as looking out for each other?

- Daily reinforcement of breaks, hydration, and safety incident reporting procedure encouraged?
- Empower all employees to stop any unsafe conditions being performed by any workers or trades.

6. Have we talked about quality expectations related to the final product?

- Was it conveyed to the crew the quality requirements in the specifications?
- What materials are we using to achieve the desired final product?

7. Did the supervisor address productivity expectations with the crew?

- How many units (linear feet, square feet...) does the crew have to install today?
- What does success look like? In what time frame?

8. Have the times been given to the crew for inspections and/or concrete placements for today and/or later this week?

- Have the times been given to the crew for inspections and/or concrete placements for today and/or later this week?

9. Did we finish the meeting with any hot topics relevant to the entire team?

- Hot topic examples: other trades working concurrently in the area, weather, project visitors, etc.

10. Has the supervisor involved feedback from other participants throughout the meeting to encourage engagement?

- Did the supervisor "pull" information from the crew involving today's plan?





* Safe handling, use, and storage of hazardous materials?



- Yes
- No
- Not Applicable



* Proper Noise Management | Hearing Protection in place?



- Yes
- No
- Not Applicable



* Proper Silica controls in place (in compliance with 1926.1153 Table 1)?



- Yes
- No
- Not Applicable



* Heat illness prevention measures in place?



- Yes
- No
- Not Applicable



* Relentless Housekeeping practices in place?



- Yes
- No





SUNDT

Thank you / Questions

S *tuff* *T* *hat* *C* *an* *K* *ill* *Y* *ou*