



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



**THE POWER OF
COPPER**

**March Townsite
Contractor Safety
Meeting**

3-27-24

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NYSE**



**ICMM
Member**

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Agenda

- Safety Share – Sollers
- Environmental Share
- Safety Stats & Data
- Safety Successes
- PFEs and Alerts
- Variances
- Communications
- Agency Shares

Ladder Positioning And utilizing Innovation to provide a more safe work place

- ▶ Policy states:
- ▶ Work being performed above 4ft requires fall protection.
- ▶ Utilize the 4:1 method when placing an extension ladder.
- ▶ Ladders to be tied off or secured prior to use.
- ▶ Never use the top 2 rungs of a ladder
- ▶ Persons may climb a ladder that is 20ft or less without fall protection if ‘three points of contact’ are used.



- One-Handed Hinge: The King Kombo™ can transition from position to position in one fluid motion. The one-handed Grip-N-Go hinge allows for a seamless transition between stepladder, extension and leaning ladder configurations

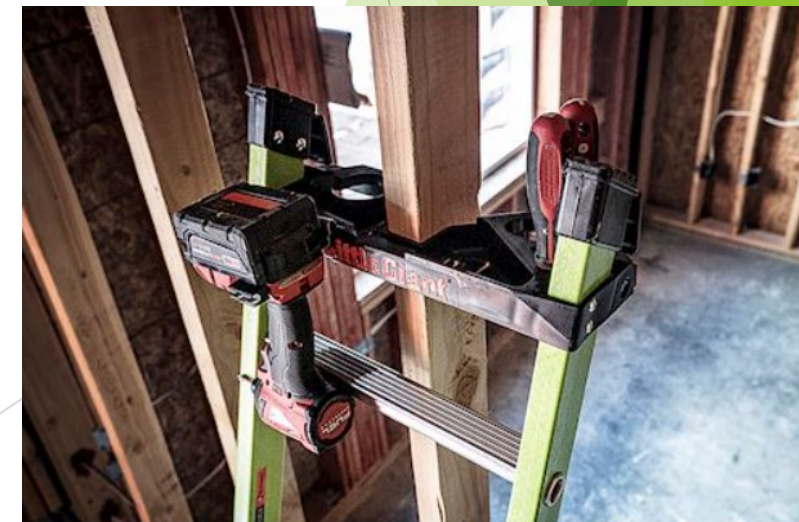
- Rotating Wall Pad: The crowning gem of the King Kombo™ is its rotating wall pad. Now, you can safely set up your ladder on inside and outside corners, walls and studs with ease

- Fits Between Studs: The extension side of the ladder has straight-line legs that are narrow enough to fit between studs. Access tight workspaces between wall studs, ceiling trusses and roof or attic access ports

- Non-Conductive Hi-Viz Green Fiberglass increases ladder visibility and is safe to work around electricity

- Shock-absorbing braces increase ladder longevity

- Sure-Set™ spike feet* add extra stability on job sites and can be used in either the pad or spike foot position



Environmental Share Bird Nesting & Wildlife Guidance

As the weather warms, many of the desert insects, reptiles and mammals emerge from their winter life. Please be watchful during your area inspections for any new bird nests or wildlife activities.

Bird Nesting Guidance

- ACTIVE Bird nests with eggs or babies are protected under Federal Law cannot be removed or disturbed without the proper Federal approval no matter where the nests are located. The permit can take over a month to receive.
- EMPTY nests may be removed before any eggs or babies are present to discourage nesting.
- Workplace inspections and immediate removal of EMPTY nests are important to prevent lost working time due to nests.



Wildlife Guidance

- Be cautious and check your work areas for wildlife such as snakes, insects, mammals, etc.
- If you encounter DECEASED wildlife in the Mine, Processing areas, and Townsite, please contact Environmental Services for guidance on the proper disposal methods. Once approved, Environmental Services does not need to be present for disposal of wildlife.
- For LIVE wildlife, do not interact, maintain a safe distance, and contact security or the environmental office with the animal's location.
- Wildlife does NOT include household pets, please contact Animal Control.

Note: Pigeons are not a protected species and may be discarded if found on property.

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FCX Townsite Safety Updates

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Town Rolling TRIR & HRIR



6
Total
Recordables

1.40
High Risk
Incident Rate

3
Total High
Risk

High Risk Incident Rate

● Actionable ● Monitor ● 12 Month Actionable Rolling Total

Month	Year	Actionable	Monitor	12 Month Actionable Rolling Total
February	2023	0	0	0.5
March	2023	0	0	0.5
April	2023	0	0	0.5
May	2023	0	0	0.5
June	2023	6	0	8.5
July	2023	0	0	8.5
August	2023	0	8	8.5
September	2023	0	0	8.5
October	2023	0	0	8.5
November	2023	0	0	8.5
December	2023	0	0	8.5
January	2024	0	0	8.5
February	2024	0	0	8.5
March	2024	0	0	8.5

[Click to Add Monitor](#) [Reset](#)

MWE Rolling TRIR & HRIR



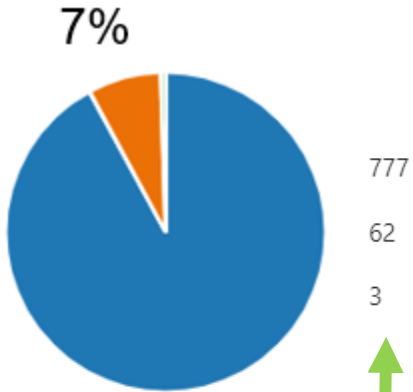
Maintenance & Construction Audits

6. Housekeeping

[More Details](#)

[Insigh](#)

- Satisfactory 571
- Unsatisfactory 46
- Not Applicable 3

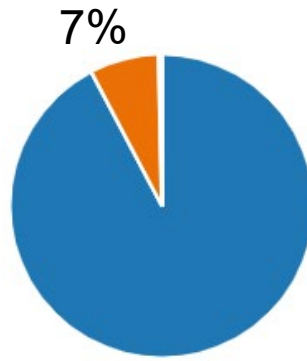


9. PPE

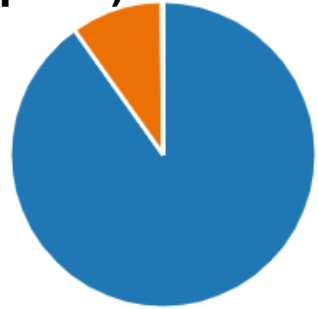
[More Details](#)

[Insights](#)

- Satisfactory 759
- Unsatisfactory 82
- Not Applicable 1



10%
(Up 2%)

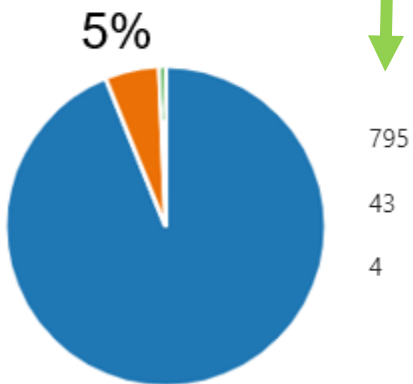


7. JRA/JSA

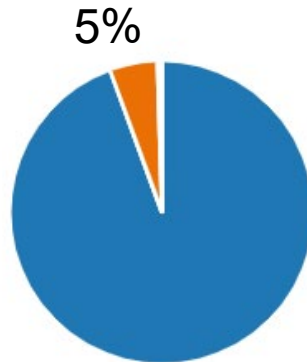
[More Details](#)

[Insigh](#)

- Satisfactory 582
- Unsatisfactory 34
- Not Applicable 4



Current



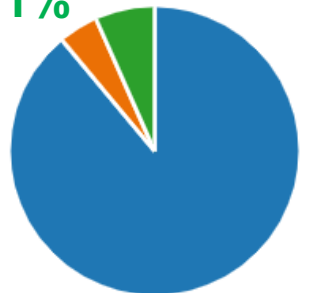
4. Eye Wash

[More Details](#)

[Insights](#)

- Satisfactory 749
- Unsatisfactory 37
- Not Applicable 56

4%
Down 1%



What to do with Data?

- Goal is not to change the data, but to see where we need help
 - Do our leaders know what to look for?
 - Do they know the standards they are assessing against?
 - Do our workers understand what we are asking?
 - Are they just doing what we tell them?
- Eye Wash Results
 - OSHA Requirement? (.4 Gal/min)
 - What are we using?
 - What else is out there?



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FCX Safety Incidents, Successes, & Alerts

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Zero Days - Morenci



COMPANY	NM	PD	FA	MT	RD	LT	FATAL
CNR	-	155	-	-	-	-	-
Meridian	-	168	186	-	-	-	-
CORE + Subs	236	165	112	-	-	-	-
Sollers	1665	293	323	190	105	-	-
Velocity	1783	56	785	880	-	-	-
Brightview	1870	762	215	114	538	975	-

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Serious Events

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Falling Objects

Actionable Event: H-Beams Fall from Trailer during Transport

Preliminary Incident Details

Operation	PTFI
Date / Time	February 16, 2024 / 2:15 p.m.
Event Type	Near Miss
Summary	During transportation, two steel H-beams, and six purlins fell from a trailer and slid approximately 320 meters passing two LVs and one Bus. The steel was tied with a cargo strap to the flat track. The truck operator immediately parked and notified a supervisor.
Risk Category	Actionable – Significant (3) Likely (3)
Findings / Missing Controls	<ul style="list-style-type: none"> • Site lacking loadmaster • Maintenance road crews not present
Applicable Policies / Procedures	<ul style="list-style-type: none"> • Material Mobilization Checklist (MOC) • KPI-CTR-011: Truck Operation of Flatbed, Trailer, and Lowboy
Employee Condition	No personnel were injured.
Contact	Harriadi Rasidi, Project Safety Manager Mill Optimization Construction (MOC)

Photos / Links





Potential Fatal Event: 26-ton Boom Truck Tipped Over

Preliminary Incident Details

Operation	Safford
Date / Time	February 15, 2024 / 11:55 a.m.
Event Type	First Aid
Summary	Two mechanics and an apprentice were using a 26-ton boom truck to offload a bangboard (feed plate distributor) at the C4 laydown. As the load swung to the driver's side, the truck tipped over. The mechanic operating the boom and another mechanic standing on the bed of the truck jumped out of the way to avoid being in the line of fire. The apprentice was standing on the ground and out of the line of fire.
Risk Category	Actionable – Significant (3) Likely (3)
Findings / Missing Controls	<ul style="list-style-type: none"> • Only the rear stabilizers had been deployed • No footpads were placed under the rear stabilizers • The main outriggers were not used
Applicable Policies / Procedures	<ul style="list-style-type: none"> • Lifting Operations • Mobile Crane/Boom Truck Training
Employee Condition	The mechanic who jumped from the bed of the truck experienced first-aid level injuries to the ankle, wrist and neck (sprains/strains).
Contact	Drew Borcharding, Manager-Health and Safety; Richard Sanchez, Manager Crush/Convey

Photos / Links



The boom truck tipped onto the driver's side when the load swung.



Falling Objects

Potential Fatal Event: Falling Grating

Preliminary Incident Details

Operation	Manyar Smelter Project
Date / Time	February 22, 2024 / 8:42 PM
Event Type	Injury- Restricted Duty
Summary	While moving steel, a crane's cable contacted a piece of scaffold grating weighing 20 kilograms. The grating fell 10 meters and struck one of two employees performing structural steel work from a man basket at a height of 15 meters.
Risk Category	Falling Objects – Significant (3) Possible (2)
Findings / Missing Controls	<ul style="list-style-type: none"> • Failure to identify unsecured grating during installation and inspection • Falling objects were identified as a fatal risk on completed FRM verification but did not distinguish grating as potential risk • Failure to prevent crane cable contact with structure
Applicable Policies / Procedures	<ul style="list-style-type: none"> • Chiyoda Grating Installation Method Statement • Chiyoda Permit to Work Procedure
Employee Condition	Employee sustained a sprained shoulder.
Contact	Zach Scrivner, Manager-Corporate Project Engineering Safety Chris McCoy, Project Director

Photos / Links



Scaffold grating weighing 20 kilograms fell 10 meters, striking an employee in a man basket.

Safety Share- Morenci Serious Events



2/6/24



3/2/24



3/6/24

Morenci Serious Events Cont.



3/12/24



3/11/24



3/10/24



3/22/24

Less Serious

[Video Link](#)



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Variations

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In Approval Process: A-Frame Scaffolding



Trenching Variance – Western Slopes Safety + CNR



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Communications

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Work Order # Field

Clear All Fields

Contractor Incident Additional Information - **Morenci Operations**

Information contained within this report may be confidential in nature and should only be distributed as necessary to communicate critical details of the event. All documents (statements, photos, WPE, JRA and this form) will need to up-loaded to the attachment field of the **Enablon First Report (Logbook)** attachment section. The tutorial can be found here: **Tutorial**

GENERAL INCIDENT INFORMATION			
Incident type:		Date Reported:	Date of Incident
Contractor Company Name		Contractor Supervisor Name/Badge Number	
FMI Safety Contacted		Contractor Supervisor Phone	
FMI Organization		FMI Department	
Location of Incident			
Description of Incident			
Work Order #			
Immediate Actions			
Potential Risk Rating	Potential Consequence		Potential Frequency
Explanation of Risk Ranking			



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Agency Shares

January 2024

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OSHA Share – Trenching and Excavation

OSHA is focusing on reducing trenching and excavation hazards. Trench collapses, or cave-ins, pose the greatest risk to workers' lives. To prevent cave-ins:

- SLOPE or bench trench walls
- SHORE trench walls with supports, or
- SHIELD trench walls with trench boxes

Employers should also ensure there is a safe way to enter and exit the trench. Keep materials away from the edge of the trench. Look for standing water or atmospheric hazards. Never enter a trench unless it has been properly inspected.

[29 CFR 1926.650](#), [29 CFR 1926.651](#), and [29 CFR 1926.652](#) are applicable OSHA standards.



[Resources LINK](#)



OSHA Share – Trenching and Excavation cont.





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MENTAL HEALTH IN CONSTRUCTION



Ames Construction

Contractor Engagement Team – Anonymous Survey

Contractor Engagement Questionnaire - Morenci Townsite

[Click](#)



[Link](#)