



Please Silence Your Cell Phones/Mute Your
Microphone on Teams



THE POWER OF
COPPER

February Townsite
Contractor Safety
Meeting

2-21-24

FCX
LISTED
NYSE



ICMM
Member


FREEPORT
FOREMOST IN COPPER
fcx.com

Attendance & Communications

CONTACT LIST

Please give the contact information for representatives of your company that need to be added to the communications emails from Morenci and the invitation to the Monthly Safety Meeting

NO.	CONTACT NAME	COMPANY NAME	PHONE	EMAIL	JOB TITLE
01					
02					
03					
04					
05					



Morenci
Contractor
Safety
Safe or Nothing

MorenciContractorSafety@FCX365.onmicrosoft.com

< Others invited (143)
×

- No response
- DM

Mayorga, Dolan

No response
- H

Herrera, Carlos

No response
- J

Jacobson, John

No response
- C

Castillo, Alexandria

No response
- L

Leavitt, Jill

No response
- BL

Linford, Bridgette

No response
- LM

Larry McIntyre (External)

Accepted
- LV

Villalobos, Layt... (External)

Accepted
- JN

Jeremy L. Nich... (External)

Accepted
- LM

Loretta Mitchell (External)

Accepted
- MB

Michael Bingha... (External)

Accepted
- JM

Martin, Jeff L (External)

Accepted
- JB

Jeffery Bateman (External)

Accepted

Agenda

- Safety Share
- Environmental Share
- ISN Updates
- Safety Stats & Data
- Safety Successes
- PFEs and Alerts
- Variances
- Communications
- Agency Shares

Safety Share – Focus Industries

“Be Mindful of Routine Tasks”

For some persons, safety only becomes an important consideration when they are doing a dangerous job or task. They rationalize that safety procedures can be bypassed or ignored when the task is simple, small, routine and seemingly presents little risk of injury. Unfortunately, this type of thinking is why many routine, and apparently safe tasks or jobs, end up resulting in the most serious of accidents. Paul McKinney, Ph.D

MAKE IT OBVIOUS

On the Japanese rail system, staff habitually ‘point and call’ out seemingly obvious things, like trains leaving platforms or lights changing.

This reduces errors by 85% and accidents by 30%.

James Clear says that while pointing and calling may seem silly, “it works incredibly well... [and] is so effective because it raises the level of awareness from a nonconscious habit to a more conscious level.

Safety Share cont.

“The more automatic a behavior becomes, the less likely we are to consciously think about it. And when we’ve done something a thousand times before, we begin to overlook things. We assume that the next time will be just like the last. We’re so used to doing what we’ve always done that we don’t stop to question whether it’s the right thing to do at all,”

Environmental Share Dust from Point Sources

A point source is where emissions are produced from a single spot, such as a vent, lime silo, stack, chimney, opening or stockpile



- **Opacity limit for most point source emissions is only 20% which is very low!**
- **If you see emissions that look to be above this limit, please contact a member of the Air Team in Environmental or call the spill hotline at 928-865-7745.**

ISN System Updates

To enhance contractor safety, the company has moved to ISNetworld as its primary contractor information management system, replacing Avetta effective immediately.

ISNetworld is a recognized leader in the field, with more than 77,000 contractor customers and over 750 Freeport-McMoRan contractor customers currently registered. ISN helps companies like ours reduce risk and strengthen relationships by qualifying and monitoring contractors through a subscription-based platform.

Some key benefits include:

- Reduced administrative costs
- Help with satisfying regulatory compliance and company-specific safety qualification requirements
- Support for more effective and efficient contractor management
- Access to contractor information, including company profile, health, safety and environmental policies and planning, safety performance (TRIR, MSHA/OHSA reporting), document submittals (insurance, HSEP, monthly forms), contractor employee rosters/training history, and more

All Freeport contractors must have an ISN subscription by **March 25, 2024**. (See timeline below.)

ISN Implementation Timeline:

- February 7 – ISN begins contacting Freeport contractors to begin the subscription process
- February/March – ISN holds training sessions for Freeport employees and contractors
- March 25 – Contractors must have an ISN account (compliance enforced)

THE POWER OF COPPER

FCX Townsite Safety Updates

FCX
LISTED
NYSE



ICMM
Member

FREEPORT
FOREMOST IN COPPER
fcx.com

Town 2023 TRIR & HRIR



Organization

Select all

- Administration
 - Accounting
 - Administration
 - Coffee Shop
 - Community Center
 - Environmental
 - Global Supply
 - Health & Safety
 - Human Resources
 - Library
 - Mercantile Conoco
 - Mercantile Lanes
 - Mercantile Motel
 - MIS
 - Morenci Water & Electric
 - Plant Engineering
 - Security
 - Townsite
 - Training Department
- Mine
- Processing

MWE 2023 TRIR & HRIR



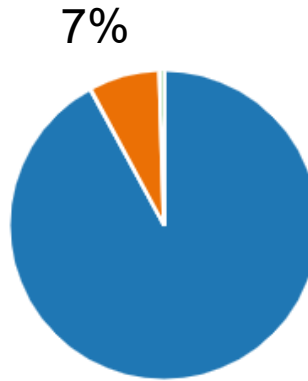
Maintenance Audits

6. Housekeeping

[More Details](#)

[Insights](#)

● Satisfactory	571
● Unsatisfactory	46
● Not Applicable	3



9. PPE

[More Details](#)

[Insights](#)

● Satisfactory	567
● Unsatisfactory	52
● Not Applicable	1

8%

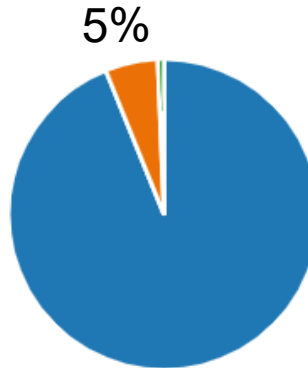


7. JRA/JSA

[More Details](#)

[Insights](#)

● Satisfactory	582
● Unsatisfactory	34
● Not Applicable	4



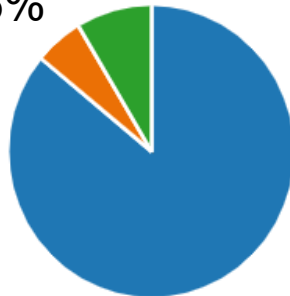
14. Eye Wash

[More Details](#)

[Insights](#)

● Satisfactory	533
● Unsatisfactory	34
● Not Applicable	53

5%



Maintenance Audit Suggestions

- Vehicle Condition Audits
- Comments on Unsatisfactory
- Other suggestions?
- Coaching

THE POWER OF COPPER

FCX Safety Incidents, Successes, & Alerts

FCX
LISTED
NYSE



ICMM
Member

FREEPORT
FOREMOST IN COPPER

fcx.com

Zero Days - Morenci

COMPANY	NM	PD	FA	MT	RD	LT	FATAL
CNR	-	120	-	-	-	-	-
Meridian	-	133	151	-	-	-	-
CORE + Subs	201	130	77	-	-	-	-
Sollers	1630	258	288	155	70	-	-
Velocity	1748	21	750	845	-	-	-
Brightview	1835	727	180	79	503	940	-

8 Incidents 4Q23/1Q24 – 4 Underground Utilities – 3 not where we expected them to be

THE POWER OF COPPER

PFE Events

FCX
LISTED
NYSE



ICMM
Member

FREEPORT
FOREMOST IN COPPER

fcx.com



Potential Fatal Event: Employee Struck By Forklift

Preliminary Incident Details

Operation	Miami Smelter
Date / Time	December 30, 2023 / 3:30 p.m.
Type	Injury
Summary	An employee stepped from behind a converter into an aisle and was struck by a forklift. The employee was knocked to the ground.
Fatal Risk	Vehicle Impact on Person
Risk Category	Monitor
Pre / Post Rating	Significant (3) Possible (3)
Findings / Missing Controls	<ul style="list-style-type: none">Forklift operator did not sound horn when traveling past openings in structurePedestrian did not yield when entering roadwayOperating speed
Applicable Policies / Procedures	<ul style="list-style-type: none">Equipment Interaction SOPs
Employee Condition	<ul style="list-style-type: none">First aid – Released back to work on full duty
Contact	Louie Barreras, Senior Supervisor-Health and Safety / Michael Cross, Manager – Downstream Ops

Photos / Links



The red X marks where the forklift struck the employee.



Potential Fatal Event: Contact with Energized Cable

Preliminary Incident Details	
Operation	Manyar Smelter Project – Slag Concentrator Substation 2
Date / Time	January 17, 2024 / 10:30 a.m.
Type	Injury
Summary	Contractors were working on the left side of an electrical panel, which had been de-energized. <u>Without testing for current</u> , a worker removed a 400-volt cable from the right side, which remained energized, and contacted another cable, causing a spark.
Fatal Risk	Exposure to Electrical Hazard
Risk Category	Monitor
Risk Rating	Significant (3) Possible (2)
Findings / Missing Controls	<ul style="list-style-type: none"> • Failure to isolate energy with LOTOTO procedure • Wrong tool for the job • Inadequate training; worker was not authorized to perform this work
Applicable Policies / Procedures	<ul style="list-style-type: none"> • LOTOTO • Isolation/De-Isolation Certification Process • Energy Isolation Survey Form
Employee Condition	Worker sustained minor burns, was evaluated and released back to work.
Contact	Zach Scrivner, Manager-Corporate Project Engineering Safety

Photos / Links

The de-energized portion of the panel (A) and the energized portion (B), which shows damage.

THE POWER OF COPPER

Variations

FCX
LISTED
NYSE



ICMM
Member

FREEPORT
FOREMOST IN COPPER

fcx.com

MWE – Working @ Heights While Trenching

Complete this form with a detailed description of the area and reason for the variance request. A task review by an engineer or other qualified individual to consider other controls must be completed prior to submitting for approval. The approval authority for either long-term or temporary variance request is specified at the bottom of the form.

Site / Operation: Morenci - Water & Electric	Variance Duration: From Date/Time 01/08/2024 To Date/Time 01/07/2025
Type of Variance (Check Only One) Long-term <input checked="" type="checkbox"/> Temporary <input type="checkbox"/>	
Location of Activity: Morenci/Clifton Townsite	Policy: Working at Heights
Purpose of Activity: Construction of underground utility lines	Division Manager: Robert Pollock
Description of Request:	
<p>Department requests for project contractors engaging in trenching activities as part of the construction of underground utilities to allow for the working of individuals around trenches with a depth of over 4', but under 6' without the use of personal fall arrest systems during the digging of the trench. This would apply to spotting activities during excavation of trenches and person's securing ladders for access into the trench.</p>	
Justification for Variance:	
<p>Work is occurring along residential and main traffic access roads and installation of barricades or other stationary fall protection devices would hinder public access or prevent workers' escape during an emergency. OSHA allows for workers to engage in construction activities up to a height of 6' under standard 1926.501. OSHA also states in a letter of interpretation, fall protection is not required around trenches unless visibility of the trench is obscured.</p>	

Townsite Maint./MWE – Installation of Fall Protection (Residential)

Complete this form with a detailed description of the area and reason for the variance request. A task review by an engineer or other qualified individual to consider other controls must be completed prior to submitting for approval. The approval authority for either long-term or temporary variance request is specified at the bottom of the form.

Site / Operation: Morenci	Variance Duration: From Date/Time 10/15/2023
Type of Variance (Check Only One) Long-Term <input checked="" type="checkbox"/> Temporary <input type="checkbox"/>	To Date/Time 10/14/2024
Location of Activity: Townsite Maintenance	Policy: Working at heights
Purpose of Activity: Routine maintenance on rooftops	Division Manager: Robert Pollock
Description of Request:	
<p>Workers need to stand above 4' on ladders in areas where man lifts and scaffolding installation are not practical on residential and commercial buildings to establish initial fall protection devices. Workers must also travel from ladder access to installed fall protection on rooftops to tie off to already established anchor points.</p>	
Justification for Variance:	
<p>Not all buildings have fall protection installed on them and access by man lifts is not always possible/practical. Qualified scaffolding is also not a practical option nor readily available at the frequency in which these buildings are accessed. Much of the work can not wait for planned scaffold builds. Many buildings do have adequate fall protection installed already but not all.</p>	

THE POWER OF COPPER

Communications

FCX
LISTED
NYSE



ICMM
Member

FREEPORT
FOREMOST IN COPPER

fcx.com

Training Center Dress Code - 2/1/24

What's Acceptable	What's NOT Acceptable
<p>PANTS: Office Appropriate/Business Casual:</p> <ul style="list-style-type: none"> • Jeans in good order • Slacks 	<p>PANTS:</p> <ul style="list-style-type: none"> • Shorts of any kind • Low-rise pants that show midriff or inappropriate body parts • Sweatpants • Exercise wear or Form fitting Leggings
<p>SHIRTS: Office Appropriate/Business Casual:</p> <ul style="list-style-type: none"> • Polo shirts • Business casual shirts • Appropriate T-shirts/Tops with 3-inch sleeves • Sweaters 	<p>SHIRTS:</p> <ul style="list-style-type: none"> • Tank tops • Shirts showing midriff /tube tops or low-cut shirts • T-shirts with offensive ads or slogans • Tight-fitting/revealing shirts • Skirts/Short skirts / Skorts • Dresses
<p>SHOES: Office Appropriate/Business Casual:</p> <ul style="list-style-type: none"> • Closed Toed Shoes/Casual Shoes • Open-toed sandals/Heels (Office Setting Only) • Steel-toed boots (PPE Required shop areas) 	<p>SHOES:</p> <ul style="list-style-type: none"> • Beach flip-flops • Slippers

Safety Memo from Kridel - 1/25/24



MEMORANDUM

To: Morenci Operations
From: Mike Kridel
Date: January 25, 2024
Subject: Safety

As many of you are aware, our 2024 safety performance is off to a rough start. Since the first of the year, we have dealt with a multitude of weather-related issues; an unexpected site-wide power outage, and numerous other issues affecting all operating areas. Our fourth quarter safety performance was better than any quarter since 2020. Unfortunately, these unexpected challenges and other distractions have contributed to a return to higher injury rates. This safety performance cannot be acceptable to any of us.

With less than a week left in January 14 co-workers have suffered significant injuries directly related to routine tasks we all have a responsibility to manage including:

- *Safe work areas free from slipping, tripping and other hazards*
- *Safe roads and driving conditions*
- *Keeping hands and limbs out of the line of fire when working on equipment*

In addition to our difficult safety performance, we have had a challenging MSHA inspection. With the inspection still ongoing, Morenci has received 164 citations. Most citations received are precursors to the injuries seen in January:

- *Safe access to work areas*
- *Housekeeping*
- *Missed hazards in work areas*

All the above are a stark reminder for us to focus on executing the basics well, starting with an impactful workplace exam.

Boot Policy Update - 1/16/24

Functional boots must meet the following requirements:

- **Slip Resistant boots (per manufacturer or ASTM F35445-21)**
- Boots must have a 6-inch top, must cover your ankle or must extend past your ankle, Health and Safety will approve a waiver to the 6" spec for employees with a shoe size under 8 who struggle to find adequate footwear that meets this requirement.
- Hard Toe (ASTM F2413), This can be steel, composite, or any other construction that a manufacturer has rated as meeting the ASTM standard
- Well defined heel

Recommended

- Lace-up boots are recommended **but may be required** for some departments, employees are encouraged to check on department specific policies before purchasing boots (The Processing Organization now requires lace up boots in all departments but will have a grace period of one year for employees to comply with the change; purchases after January 12 must be lace-up)

THE POWER OF COPPER

Agency Shares

January 2024

FCX
LISTED
NYSE



ICMM
Member

FREEPORT
FOREMOST IN COPPER

fcx.com

OSHA Share – Workplace Stress



Guidance and Tips for Employers

Workplaces can have many stressors. Issues in the workplace can exacerbate the risk of experiencing mental health challenges. Combined, these stressors can make it more difficult for workers to get their tasks done; threaten their productivity, happiness, and well-being; and lead to burnout. Because of the many potential stressors employees may be experiencing, a comprehensive approach is needed to address stressors throughout the community, and employers can be part of the solution. More than 85% of employees surveyed in 2021 by [the American Psychological Association](#) reported that actions from their employer would help their mental health.

- **Be aware** and acknowledge that people can carry an emotional load that is unique to their own circumstances. They may be experiencing heightened levels of loneliness, isolation, uncertainty, grief, and stress; and some may face additional demands, such as parents caring for children or elderly household members; and those with existing mental health or substance use challenges.
- **Identify factors are making it harder for workers to get their jobs done** and determine if adjustments can be made.
- **Show empathy.** Ensure workers that 1) they are not alone, 2) their employer understands the stress they are under, 3) there is no shame in feeling anxious, and 4) asking for help is important. Employers can reassure employees they are open and receptive to discussions about employees' work stress, by creating a safe and trustworthy space.
- **Provide access** to coping and resiliency resources, workplace and leave flexibilities without penalty, or other supportive networks and services. Research from the American Psychological Association suggests 50 % of employees find that a lack of paid time off or sick leave has a negative impact on stress levels at work.

[Resources LINK](#)

CSE Manual – Incident Reporting

7.0 Emergency Action and Incident Reporting

Emergency telephone numbers/radio channels will be posted in areas accessible to Contractor employees. In the event of a serious incident or injury, immediately activate the project emergency response/notification system, maintain scene safety and trained Contractor personnel should render first aid to any incident victims..

If an incident requires immediate notification to government agencies, the area will be secured, and nothing disturbed or removed after evacuation of the injured employee until approval from all government agencies and FCX representatives is received. FCX will address any media inquiries or announcements and make other decisions critical to the overall site and project

7.1 Incident Reporting

Incidents of a serious nature may require “immediate” notification to government agencies. Contractors are responsible for this notification in the time limits set in regulation. Once time sensitive reports are made, the FCX Health and Safety Representative will also be notified.

Incident Reporting – Submission of Initial Reports

- All incidents will be reported to the FCX Health and Safety Department immediately with the initial written report to **be submitted by shift end**. Initial reports will include, at minimum:
 - Location of incident
 - Name of persons involved
 - Equipment involved
 - Time/date of incident
 - Nature of incident: occupational injury, occupational illness, near miss, property damage
 - Brief description of incident
 - Where injured (body part)
 - Complete Logbook
- Written final report is due to the Health and Safety Department **within 48 hours of the incident, unless otherwise extended based on severity of incident**.
- Each incident will be reviewed immediately to determine if it had the potential to result in a fatality. In such instances, the event will be investigated with the same rigor as if a fatality had occurred.
- Contractors may be required to conduct or participate in any investigations and/or root cause analysis (RCA).
- Action plans may be developed and implemented to prevent reoccurrence.

Contractor Engagement Team – Anonymous Survey

Contractor Engagement Questionnaire - Morenci Townsite

[Click](#)



[Link](#)