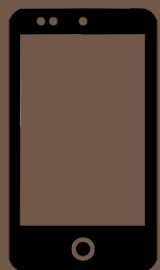


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May Townsite Contractor Safety Meeting

5/22/24



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

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fcx.com

All Operating Sites

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Agenda

- Safety Share - Meridian
- Environmental Share
- Safety Stats
- Safety Events and Alerts
- ISN Update
- Blue Stake Changes in Townsite
- **TRAINING UPDATE!**
 - Train the trainer schedule to be sent out by training
 - Contact Goldie or Felicianna at CTC
 - Compliance classes only to start

May 2024 Environmental Share – Housekeeping and Dust

Cleaning Do's

- Use vac trucks
- Use wet cleaning methods
- Use PPE – protect yourself!



Cleaning Don'ts

- Don't sweep dry material
- Don't shovel dry material
- Don't use air lances

Questions?

Contact Environmental
at 928-865-6000
or your representative

Current Mine Initiative

STAND DOWN TO SAVE LIVES May 22, 2024

Incidents can be prevented with a few minutes of planning.

Stand Down to Save Lives is an opportunity for mine owners, operators and miners to:

- discuss common hazards
- improve workplace and equipment examinations
- provide training sessions

Keep these best practices in mind to *Take Time, Save Lives*; ask yourself:

OWNERS/OPERATORS: How can I improve safety and health programs, equipment safety and hazard reporting?

SUPERVISORS: How can I improve training and workplace examinations? Have I addressed the hazards identified before work starts?

MINERS: Does my personal protective equipment fit properly? Was I trained on the equipment I am operating?

Report accidents and hazardous conditions:
1-800-746-1553

MSHA msha.gov/stand-down
 Mine Safety and Health Administration

Stand Down to Save Lives is an opportunity for mine owners, operators and miners to:

- discuss common hazards
- improve workplace and equipment examinations
- provide training sessions

OWNERS/OPERATORS: How can I improve safety and health programs, equipment safety and hazard reporting?

SUPERVISORS: How can I improve training and workplace examinations? Have I addressed the hazards identified before work starts?

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Safety Stats

| 5/20/24

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2024 Townsite Maintenance Stats



Total Recordable Incident Rate

Last Refresh:
5/20/2024 10:01 AM

1 Near Miss	2 Property Damage	0 First Aid	0 Lost Time	1 Medical Treatment	0 Restricted Duty	0 Fatality
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Date

5/21/2023 5/20/2024

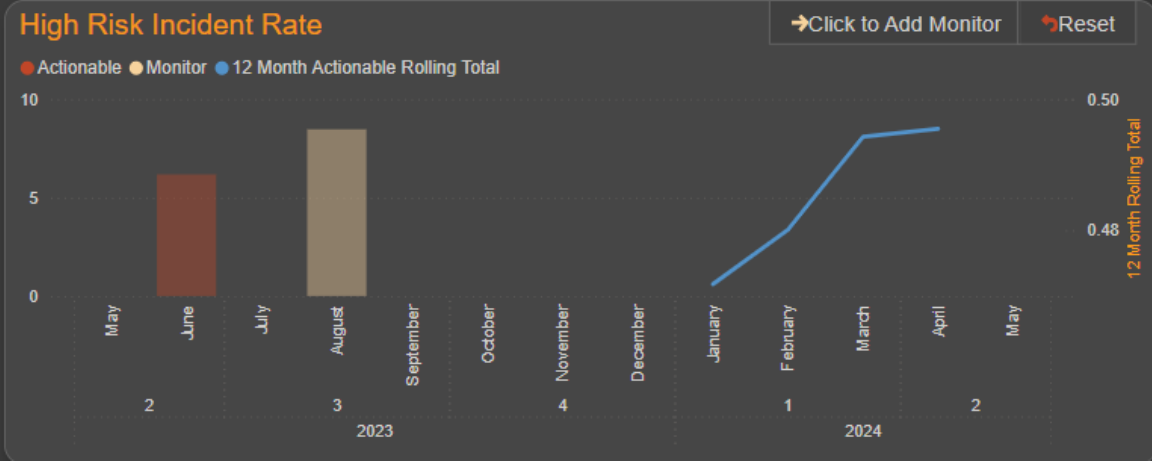
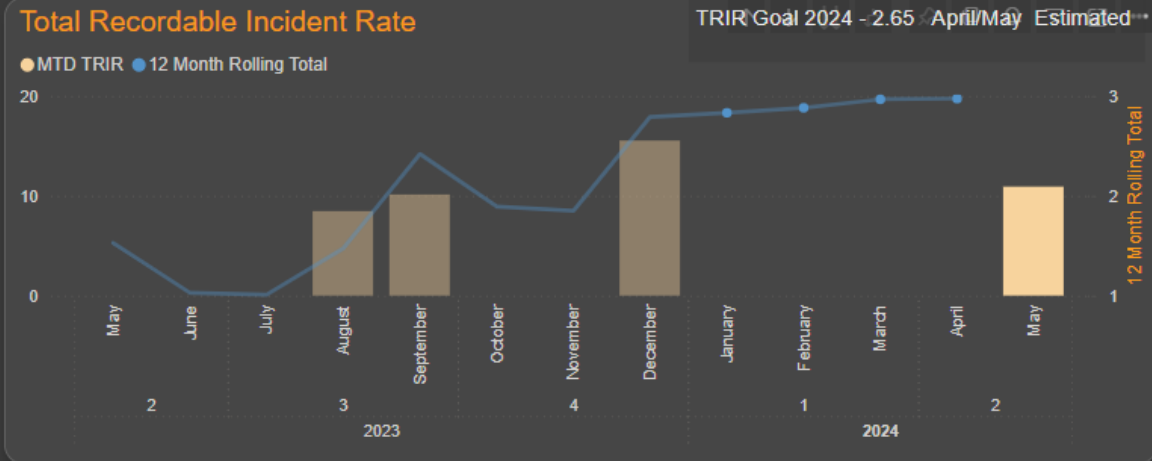
1.65
Total Recordable Incident Rate

1
Total Recordables

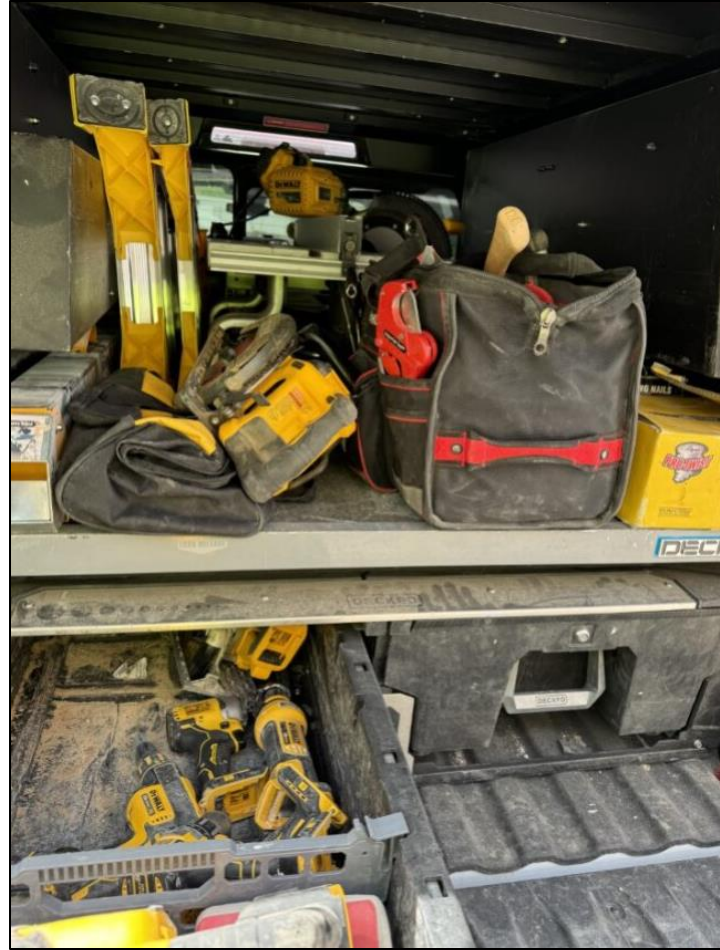
0.00
High Risk Incident Rate

0
Total High Risk

- Organization**
- Human Resources
 - Library
 - Mercantile Conoco
 - Mercantile Lanes
 - Mercantile Motel
 - MIS
 - Morenci Water & Electric
 - Plant Engineering
 - Security
 - Townsite
 - Training Department
 - Mine
 - Fragmentation - Loading/...
 - Haulage
 - Mine Maintenance
 - Resource Management
 - Processing
 - Crush & Convey
 - Hydromet
 - Leaching
 - Maintenance Services
 - Metcalf Concentrator
 - Morenci Concentrator
 - Process Automation



- Morenci 2024 TRIR – 3.12 – 72 Recordables
- Contractor 2024 TRIR – 2.50 - 16 Recordables
- 5/16/24 – Med. Treatment - Housing & commercial remodel contractor cut their hand on a PVC cutter when trying to stop a tool bag from falling.



2024 MWE Stats



- Morenci 2024 PDs – 246
- Contractor 2024 PDs - 36

- 4/30/24 – Prop. Dmg - Gas Line hit by utility contractor trenching on Copper Rd project.

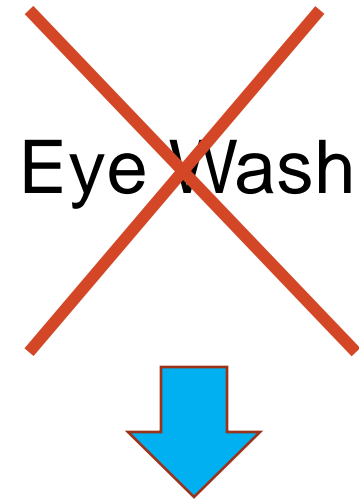
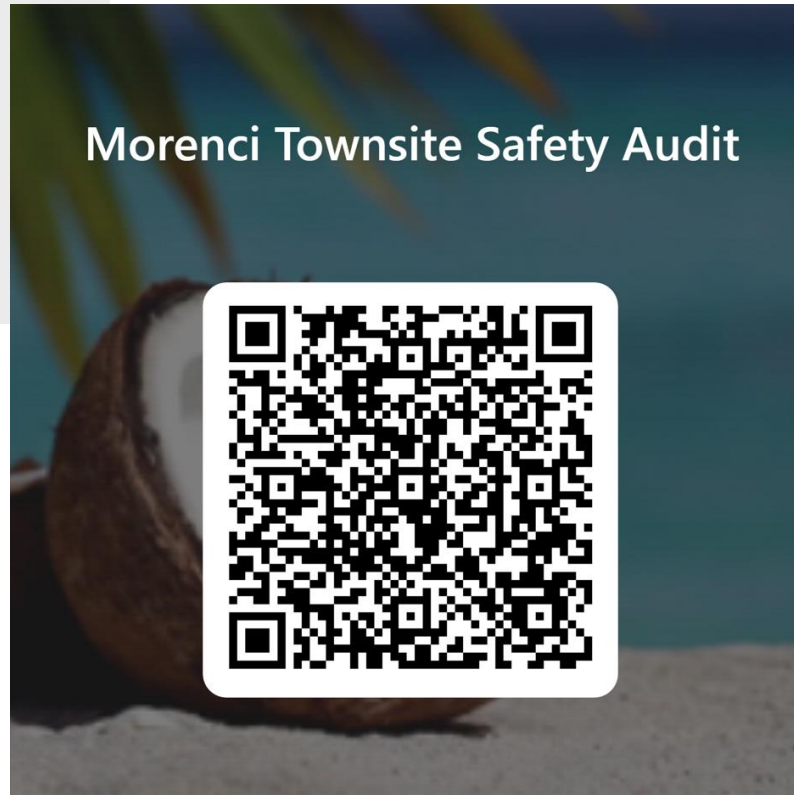


Townsite General Audit Update

8. Blue Stake Checklist / AZ811 Ticket / Permit *

- Satisfactory
- Unsatisfactory
- Not Applicable

Added Blue Stake Check



10. PPE / First Aid *

- Satisfactory
- Unsatisfactory
- Not Applicable

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Safety Events and Alerts

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Blue Stake



Task: remove and replace tree

- Tools - spade shovel and pick /bar
- Compliance questioned by Surveyor
- 811 Blue stake permit expired
- Training / Understanding Insufficient
- *Confusion on expiration dates 15 AZ- 30 Mine*
 - *Footprint not verified*
 - *Allowable surface penetrations*



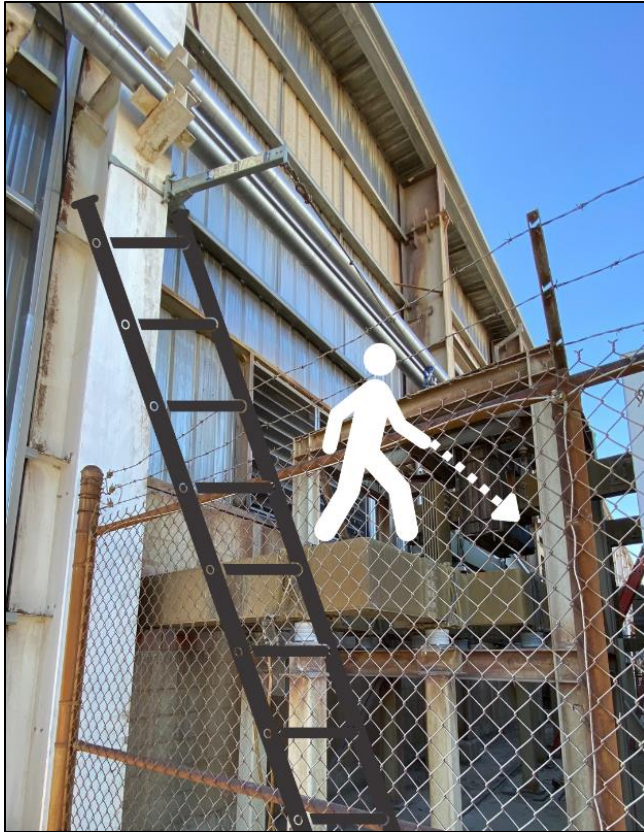
Project: installation of utilities in town

- Footprint within permit
- Blue stake had been updated
- MWE site-specific not communicated
- 811 training not completed
- Inexperienced spotter used
- Pot-holing non-compliance



Working at Heights

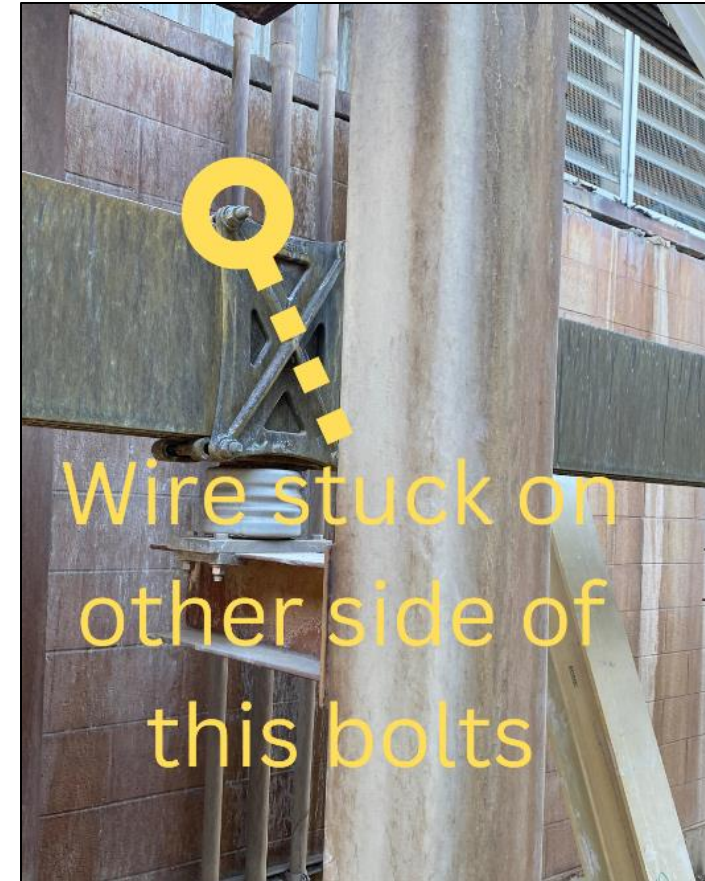
Policy Violation



Employee stepped off ladder onto buss bar to unhook lifeline he was installing as fall protection



Worker position



Life-Line worker was retrieving

Policy Violation

Employee mindset

- Height not that hazardous
 - Only Momentary
 - 8 – get a ladder / Do the same way
- Any unguarded walking/working surface either horizontal or vertical that is 4ft (1.2m) above a lower level. If a ladder with a cage is used for access and work is not being performed from ladder, it is exempt
 - Work/Walking 4ft (1.2m) above potential hazards.
 - Work from a ladder at any height, including levels below 4ft (1.2m) if a person's center of gravity is near the ladder rail or requires them to lean backwards.

Working at Heights Policy

Health and Safety FCX-HS02 | Release 03/2018 | Version 1

<h3 style="margin: 0; border-bottom: 1px solid #c00; padding-bottom: 5px;">POTENTIAL FATAL RISKS</h3> <p style="font-size: 8px; margin: 0;">Fall from Heights Falling Objects</p> <h3 style="margin: 0; border-bottom: 1px solid #c00; padding-bottom: 5px;">CRITICAL CONTROLS</h3> <ul style="list-style-type: none"> Fall Protection System Fixed Work Platform Mobile Work Platform Leading Edge/Open Hole Protection Scaffold Barriers and Segregation Integrity of Overhead Structures Securing Devices Work Area Management <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p style="font-size: 8px; text-align: center; margin: 0;">CALCULATING YOUR FALL DISTANCE <i>Must meet Fall Stop Height, Anchor Point</i></p> <p style="font-size: 8px; margin: 5px 0;">Required Fall Distance (L+H+C) (e.g., 20 ft Lanyard + 6 ft Worker + 6 ft Clearance = 32 ft)</p> <p style="font-size: 8px; margin: 5px 0;">Required Anchor Point (H+L) (e.g., 6 ft Worker + 6 ft Lanyard = 12 ft)</p> <p style="font-size: 8px; margin: 5px 0;">Clearance Below (C) (e.g., 20 ft)</p> <p style="font-size: 8px; margin: 5px 0;">Total Fall Distance (H+L+C) (e.g., 6 ft + 6 ft + 20 ft = 32 ft)</p> <p style="font-size: 8px; margin: 5px 0;">Anchor Point (H+L) (e.g., 6 ft + 6 ft = 12 ft)</p> </div> <p style="font-size: 8px; margin-top: 5px;"> <small> ① All L, H, & C must be verified and documented by the person using the system. ② All L, H, & C must be verified and documented by the person using the system. ③ All L, H, & C must be verified and documented by the person using the system. ④ All L, H, & C must be verified and documented by the person using the system. ⑤ All L, H, & C must be verified and documented by the person using the system. ⑥ All L, H, & C must be verified and documented by the person using the system. ⑦ All L, H, & C must be verified and documented by the person using the system. ⑧ All L, H, & C must be verified and documented by the person using the system. ⑨ All L, H, & C must be verified and documented by the person using the system. ⑩ All L, H, & C must be verified and documented by the person using the system. </small> </p>	<h3 style="margin: 0; border-bottom: 1px solid #c00; padding-bottom: 5px;">POLICY</h3> <h4 style="margin: 0; border-bottom: 1px solid #c00; padding-bottom: 5px;">OVERVIEW</h4> <p style="font-size: 8px; margin: 0;">Fall protection/prevention (personal fall arrest systems or guardrails) is required 100% of the time whenever persons are exposed to a fall hazard (including wall and floor openings) that could reasonably result in an injury, including:</p> <ul style="list-style-type: none"> Any unguarded walking/working surface either horizontal or vertical that is 4ft (1.2m) above a lower level. If a ladder with a cage is used for access and work is <u>not</u> being performed from ladder, it is exempt. Work/Walking 4ft (1.2m) above potential hazards. Work from a ladder at any height, including levels below 4ft (1.2m) if a person's center of gravity is near the ladder rail or requires them to lean backwards. Ensure proper equipment: shock absorbing lanyards (see diagram) or retractable lanyards. <h4 style="margin: 0; border-bottom: 1px solid #c00; padding-bottom: 5px;">ACTIONS TO STAY SAFE</h4> <ul style="list-style-type: none"> Inspect fall protection equipment prior to using. Key items include: <ul style="list-style-type: none"> Brails, webbing and stitching, fall/wear indicators Condition of grommets, buckles and hardware, anchor points Have rescue plan and rescue capabilities available. Complete risk assessment prior to work (i.e. ISA). Use fall protection systems work inside guardrails and follow manufacturers' requirements for mobile work platforms. Secure tools and material when working above ground level. Include areas above and below work area in workplace exams and inspections. Prior to creating openings in walls or walking/working surfaces, install appropriate temporary barriers. Flag lower levels, install fences and toe boards as necessary to guard against falling objects: Reference Flagging and Barricading, FCX-19. Permanently installed fall protection systems must be labeled to prevent being used as a lifting device. <h4 style="margin: 0; border-bottom: 1px solid #c00; padding-bottom: 5px;">Ladders</h4> <ul style="list-style-type: none"> Persons may climb a ladder that is 20ft (6.1m) or less w/o fall protection if "three points of contact" are used. Tie off or secure ladders prior to use. Ladders must extend 3ft (1m) beyond the access point. Never use the top two steps of stepladders. Do not reach outside the plane of the ladder to prevent tipping. Use 4-to-1 principal for extension ladders. Hot work from a ladder is not permitted without a variance. <h4 style="margin: 0; border-bottom: 1px solid #c00; padding-bottom: 5px;">Fall Hazard (open hole/leading edge) Management</h4> <ul style="list-style-type: none"> When flooring or handrails are removed for work, or openings are created in walls or walking/working surfaces reference the Working at Heights Technical Supplement.
<h3 style="margin: 0; border-bottom: 1px solid #c00; padding-bottom: 5px;">TRAINING REQUIREMENTS</h3> <p style="font-size: 8px; margin: 0;">SFT_FCX012C, Initial, Refresher, and Remedial as necessary</p>	

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Contractor Management - ISN



Standardization & Governance

- Standard Policies and Templates across FCX NA Operations
- Streamline Onboarding & Offboarding Processes
- Enable E-Learning for Contractors
- Policy & Risk Compliance



Vendor Self-Service

- Reliable Roster Management
- Compliance Status Monitoring for Policy and Training
- Reduction of Duplicative Processes
- Automated Performance Scorecards



3rd Party Portal & Service Provider

- Subscription based platform for Contractor Lifecycle Management
- World-class forum to share industry best practices and providing data insights
- Low Risk – High Impact
- 51% of Freeport's contractors are already subscribed to ISN

Contractor Management - ISN

August 15th: Last Day
to get your grades up

Questions? Ask Cuestas
tcuestas@fmi.com

Grade Scorecard			
Grade Component	Status	Points	Gaps
HSE Questionnaire	Exceeds Expectations	<u>15 / 15</u>	✓
Total Recordable Incident Rate	TRIR is 15% less than Industry Average	<u>5 / 5</u>	✓
Days Away/Restricted Transfer	DART is 15% less than Industry Average	<u>5 / 5</u>	✓
Fatalities	No Fatalities Reported	<u>15 / 15</u>	✓
Serious Injuries & Fatalities	No Serious Injuries or Fatalities reported in the last 3 years	<u>10 / 10</u>	✓
Citations	No Citations found in the last 3 years	<u>5 / 5</u>	✓
Experience Modifier Rate (EMR)	Rate is 0.89	<u>10 / 10</u>	✓
Written HSE Programs	RAVS score is 75.46	<u>15 / 25</u>	⚠
Insurance	Current Documents are Not Submitted	<u>-10 / 0</u>	⚠
Freeport Policies & Procedures	Freeport Policies and Procedures is Acknowledged	<u>10 / 10</u>	✓
Health, Safety, and Environmental Plan	Finalized Health, Safety, and Environmental Plan is Received	<u>0 / 0</u>	✓
Total		80 / 100	



Blue Stake Changes In Townsite (Pictures Are Links)

- Department Training checklist required for each employee
(Townsite Maintenance list includes non-blue stake trainings)
- 1 Townsite Blue Stake Checklist required for each permit
- AZ811 Excavator/Damage Prevention training for each employee

MORENCI NEW EMPLOYEE CHECKLIST
Townsite Employment

NAME: _____ START DATE: _____

EXPERIENCE: _____

MORENCI REQUIRED ONBOARDING TRAINING:

<input type="checkbox"/> FMI Fatal Risk Management	Date: _____
<input type="checkbox"/> Morenci Site Specific Orientation	Date: _____
<input type="checkbox"/> Blue stake/ 811 Training	Date: _____
<input type="checkbox"/> Damage Prevention Training	Date: _____
<input type="checkbox"/> Trenching and Excavation Awareness	Date: _____
<input type="checkbox"/> Trenching/Excavation Competent Person Training	Date: _____
<input type="checkbox"/> Job Site Orientation by Superintendent	Date: _____
<input type="checkbox"/> Stop Work Responsibility	Date: _____
<input type="checkbox"/> Evacuation point location Signage	Date: _____
<input type="checkbox"/> Trench/Underground Evacuation	Date: _____
<input type="checkbox"/> Traffic-Pedestrian Control	Date: _____
<input type="checkbox"/> Rigging/Signaling Training	Date: _____
<input type="checkbox"/> Equipment Operator Task Training	Date: _____
5000-23 for each type of equipment	Date: _____
(Note: Copies Provided to MWP)	
<input type="checkbox"/> Southwest Gas Online Training Completed	Date: _____

Employee Name: _____ Date: _____

Superintendent: _____ Date: _____

Field Safety: _____ Date: _____

Morenci Water and Electric: _____ Date: _____

**MORENCI TOWNSITE NEW CONTRACTOR
EMPLOYEE CHECKLIST**

EMPLOYEE NAME: _____ START DATE: _____

Job Title: _____

Note: Classes labeled "FMI" are compliance training; by an FMI approved trainer. Material links are for reference only.

MORENCI REQUIRED ONBOARDING TRAINING:	Date:
<input type="checkbox"/> Fatal Risk Management	Date: _____
<input type="checkbox"/> Townsite Site Specific Orientation	Date: _____
<input type="checkbox"/> FMI Working at Heights Training	Date: _____
<input type="checkbox"/> FMI Blue Stake (For Commercial Properties)	Date: _____
<input type="checkbox"/> AZ811/Southwest Gas Damage Prevention Training (Only 1 Required) Note: Online AZ811 Training is Acceptable	Date: _____
<input type="checkbox"/> Trenching/Excavation/Digging Awareness	Date: _____
<input type="checkbox"/> FMI Confined Space	Date: _____
<input type="checkbox"/> Public Interaction (Traffic/Pedestrian/Tenants/Jobsite Securement)	Date: _____
<input type="checkbox"/> Job Site Orientation by Contractor Superintendent/Manager	Date: _____
<input type="checkbox"/> Asbestos Awareness	Date: _____
<input type="checkbox"/> Emergency Procedures (First Aid/911/Incident Reporting)	Date: _____
<input type="checkbox"/> FMI Control of Hazardous Energy (COHE) Training	Date: _____
<input type="checkbox"/> FMI Flagging/Barricading Training	Date: _____
<input type="checkbox"/> Chemical Use & Disposal (Hazcom)	Date: _____
<input type="checkbox"/> Equipment Operator Task Training for ALL Mobile Equipment (Note: Copies Provided to FMI Project manager)	Date: _____
Contractor Employee:	Date: _____
Contractor Superintendent/Manager:	Date: _____
Contractor Field Safety:	Date: _____
FMI Townsite Maintenance:	Date: _____

Note: Where a training is not applicable to a person/position, "N/A" may be used, but a new sheet must be completed if a worker is transferred or promoted to a position requiring further training BEFORE work starts in that position.

#	Project:	Due Date	Done?
1	Excavation Area Marked with White Paint		
2	FMI Blue Stake - Permit #		
3	AZ811 Blue Stake - Permit #		
4	MW&E Review Complete *		
5	SW Gas Review Complete		
6	Sparklight Review Complete		
7	Valley Telecom Review Complete		
8	ADOT Review Complete		
9	FMI MIS Review Complete *		
10	FMI Blue Stake Complete (Sewer) *		
11	FMI Blue Stake Complete (Electric After Meter) *		
12	FMI Blue Stake Complete (Water After Meter) *		
13	FMI Blue Stake Complete (Gas After Meter) *		
14	FMI Project Manager Review Complete *		

* Identify Verification Method (Drawings, Visual, Ground Penetrating Equipment, etc.)

Contractor: _____ Date: _____

FMI Project Manager or Delegate: _____ Date: _____

Keep checklist on Jobsite with AZ811/FMI Bluestake Permit Attached

Rev. 05/21/24

Note on Townsite (Maintenance) Training Checklist

- Current Training is accepted, just need the dates entered.
- All new employees will have these documented.
- These will need to be completed and signed by and FMI rep by **end of this week** for all current employees.
 - Can have “N/A” for a topic, but employee will not be exposed to those hazards before a training and new sheet will be signed off. (ex: Employee will not work in a house that needs to be locked out without COHE training)

MORENCI TOWNSITE NEW CONTRACTOR EMPLOYEE CHECKLIST	
EMPLOYEE NAME: _____ START DATE: _____	
Job Title: _____	
<small>Note: Classes labeled "FMI" are compliance trainings; by an FMI approved trainer. Material links are for reference only.</small>	
MORENCI REQUIRED ONBOARDING TRAINING:	Date:
<input type="checkbox"/> Fatal Risk Management	
<input type="checkbox"/> Townsite Site Specific Orientation	Date:
<input type="checkbox"/> FMI Working at Heights Training	Date:
<input type="checkbox"/> FMI Blue Stake (For Commercial Properties)	Date:
<input type="checkbox"/> AZ811/Southwest Gas Damage Prevention Training (Only 1 Required) Note: Online AZ811 Training is Acceptable	Date:
<input type="checkbox"/> Trenching/Excavation/Digging Awareness	Date:
<input type="checkbox"/> FMI Confined Space	Date:
<input type="checkbox"/> Public Interaction (Traffic/Pedestrian/Tenants/Jobsite Securement)	Date:
<input type="checkbox"/> Job Site Orientation by Contractor Superintendent/Manager	Date:
<input type="checkbox"/> Asbestos Awareness	Date:
<input type="checkbox"/> Emergency Procedures (First Aid/911/Incident Reporting)	Date:
<input type="checkbox"/> FMI Control of Hazardous Energy (COHE) Training	Date:
<input type="checkbox"/> FMI Flagging/Barricading Training	Date:
<input type="checkbox"/> Chemical Use & Disposal (Hazcom)	Date:
<input type="checkbox"/> Equipment Operator Task Training for <u>ALL</u> Mobile Equipment (Note: Copies Provided to FMI Project. manager)	Date:
Contractor Employee:	Date:
Contractor Superintendent/Manager:	Date:
Contractor Field Safety:	Date:
FMI Townsite Maintenance:	Date:
<small>Note: Where a training is not applicable to a person/position, "N/A" may be used, but a new sheet must be completed if a worker is transferred or promoted to a position requiring further training BEFORE works starts in that position.</small>	

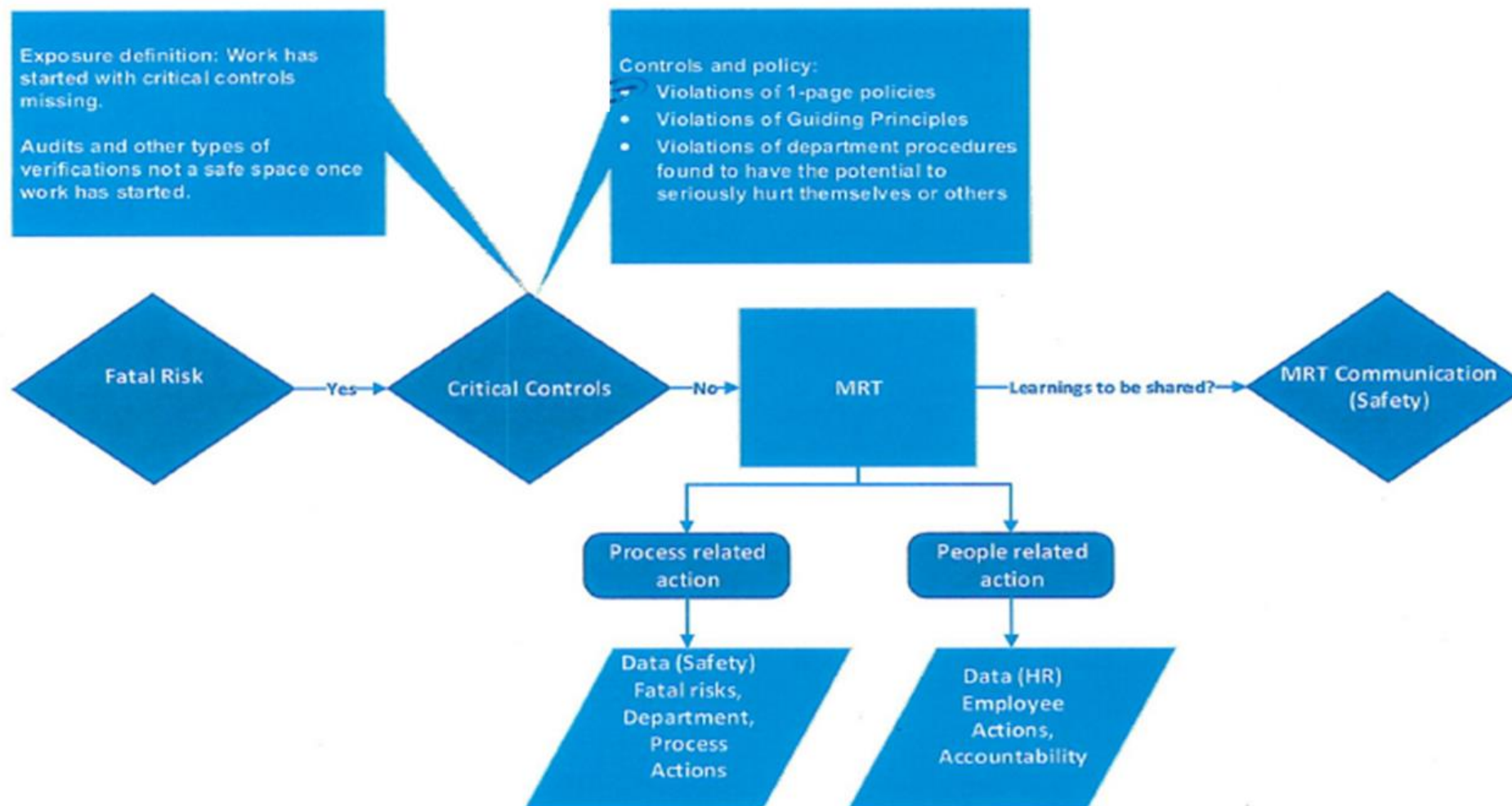
Train the Trainer

- Clifton Training Center we will be starting the “Train the Trainer” to get everyone signed off to start teaching compliance training
The training center will schedule on when the trainings take place.
- We will need them to schedule in for the class prior to avoid overbooking the trainings.
- Contact Goldie or Felicianna to get added into the class.
- We will work with them on getting them signed off (with documentation not verbal approvals how some of them are now)
- The sign off plan is to have them sit in one session and watch how we facilitate the class then the following session they will teach it with our instructors observing to get signed off. They won't be able to facilitate the training without being signed off by the training dept.

We know there will be questions and one-off situations but we will work through them

All currently approved trainers will have until Jan 1, 2025 to complete their train the trainer courses for continues certification.

Review- MRT Process



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Thank You!

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