

WELCOME TO GRAYMONT

Improving Our World

Faulkner Contractor Orientation and Declaration

Welcome to Faulkner





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Health, Safety and Environmental Policy

At Graymont we work together to fulfill our world-class vision by operating safe, clean, orderly facilities, where everyone shares a strong commitment to an injury-free workplace and a dedication to improving our environmental performance. Our goal is to promote the health and safety of all employees, protect and preserve the environment, and contribute to the well-being of the communities where we operate.

We require our business partners and contractors to adopt appropriate HSE practices.



Visitor Touring Protocol

Visitors must be accompanied by a Graymont Faulkner personnel when they visit any production or plant areas.

A visitor who is working or performing any work in a production or plant area is considered a contractor and must complete the Contractors Orientation.

Review and understand this Safety orientation, please ask questions if anything is unclear.



Site Arrival

Upon arriving to the site, all contractors and visitors must Report to the main office to sign in

- Sign in and Sign out on each visit using the QR code at the main entrance or in the Lunch Room after hours
- If you do not have access to a device capable of accessing the QR code, you may use the computer in the library





Site Map





Site Rules

Smoking Policy

In compliance with the Manitoba Regulations.

Graymont does not permit smoking or vaping inside of enclosed workplaces or Graymont vehicles and within 5 meters from any air intake or entrance





Drug and Alcohol Policy

There is a Zero Tolerance policy regarding drug and alcohol consumption or intoxication at this site.





Site Conduct

- Graymont is committed to providing an environment that promotes equal opportunities and prohibits discrimination.
- All forms of harassment are prohibited.
- All person's rights are to be respected.
- All interactions are to be respectful, courteous and responsible.





Site PPE

- Mandatory CSA Safety Glasses/ Eye Protection with side shields.
- **Mandatory** CSA Hard Hat
- May NOT be worn backwards unless forward use impedes the use of other safety accessories, and the hard hat has been rated by the manufacturer for backwards wear
- **Mandatory** High Vis Clothing (on outside layer)
- Mandatory CSA Steel Toed boots
- **Mandatory** hearing protection as per site signage
- A CSA approved and inspected fall arrest harness if you will be working above heights of 4 feet.
- Task specific safety gear
 - When potential exposure to larger volumes of *lime products* is possible we recommend:
 - Full Tyvek suit with taped cuffs
 - Full face mask (filters P100)
 - **Dust Masks**











Graymont Products

Quicklime

Crushed

Pulverized

Pebbled





PLS

Grit

Super Cal

Zero Grind

Pre-Mix

Dolomitic

Zero Grind







Hazardous Materials

SDS sheets for our products are online.

https://www.graymont.com/en/products/safety-data-sheets

Please take the time to review these.



Lime - MSDS Key Information

Common Names: High Calcium Quicklime, Lime, Quicklime, Calcium Oxide, CaO

Physical State: Solid (pebble to powdered)

Odor and Appearance: White Crystalline Substance or Chunks

Fire & Explosion Data: Not flammable.

Avoid using water to fight fires unless required for other substances.

In which case flood as lime contact with water could cause ignition of paper, cardboard.

Reactivity: Reacts violently with water and acids.

Can generate heat sufficient to causes burns or ignite materials.

Toxicological Information:

Routes of Entry include Skin Contact, Eye Contact, Acute Inhalation, Ingestion.

Not a recognized carcinogen may however contain trace amounts of Crystalline Silica.



Lime Product Handling Precautions

Lime products are highly reactive in the presence of moisture, water and acids. (skin in slightly acidic with a ph of 5.5, Sweat is more acidic with a ph of 4-5)

This reaction can lead to exothermic(heat) and/or chemical burn or irritation.

Wear protective equipment that:

- ✓ Reduces or eliminates skin exposure
- ✓ Covers hands
- ✓ Protects eyes No contact lenses
- ✓ Reduces inhalation potential when conditions warrant
- ✓ Accounts for individual skin sensitivity













Health Risks of Quicklime

Acute Exposure Risks

- Skin irritation or chemical burn
- Eye irritation or chemical burn
- Irritation of breathing passages, coughing, sneezing
- Ingestion can cause mouth burns, stomach pain

Irritancy/Burn risk is most severe to moist tissue











First Aid for Quicklime Exposure

- Do not rub the eye or skin
- Gently brush off dry product from skin.
- Rinse off wet product from skin.
- Rinse eyes or skin gently for 15 min.
- Mild inhalation seek fresh air.
- Ingestion drink fruit juice or water/vinegar 2:1
- Seek Medical Attention if warranted





Map of Safety Equipment



Item	Location
First Aid Kits	First Aid Room, Shop, Kiln, PLS Plant, Crusher
Eye Wash Bottles	PLS Plant, Kiln, Shop
Emergency Showers	Lab and First Aid Room
Automatic External Defibrillators	Firing Floor, First Aid Room
Spill kits (pillows, snakes, absorbent pads)	Fuel Tanks, Lab, Oil Sheds



Site Traffic Rule and Hazards

All Emergency Traffic has right of way!

There may be high volumes of traffic on this site

- Stay Alert!
- Designated Parking Areas
- Office
- Shop Entrance
- Speed Limit
- 30 km/hr coming onto site
- 15 km/hr throughout site
- Make certain that the operator of moving equipment can see you
- Pedestrians give the right of way to vehicles and equipment
- Make eye contact and exchange a wave
- Traffic Hazards Located onsite
- Heavy equipment
- Large trucks
- Mobile equipment
- Cars
- Pedestrians



Neighbours

We have agriculture and residential neighbors.

Consider the impact your activity may have on them.

Please take steps to reduce impact at every opportunity.





Rings / Jewelry

- No jewelry is allowed to be worn when working within the manufacturing of the plant or maintenance shop
- Jewelry is allowed in the administrative building
- Jewelry is defined as:
- All rings
- Necklaces that may pose a hazard (Medical necklaces tucked into a shirt and Medical Alert ankle bracelets are allowed)
- Wrist bracelets
- Wallet chains
- Piercings: flat studs are allowed if they have no sharp points, hoops, chains or anything else attached to the stud



Emergency Protocol

Call 911 then contact the Supervisor or Firing Floor

Onsite First Aider attendants:

- A person may be delegated to get AED (Firing Floor or FA room)
- A person may be delegated to meet the Ambulance (at the plant entrance)
- A person may be delegated to take photos
- A person may be delegated to document the scene and who is on scene
- A supervisor is notified ASAP when appropriate



Evacuation

The Emergency Coordinator (reception or firing floor attendant) will obtain the sign in book, located, to account for all personnel onsite.

All personnel will be notified by radio as well as a site search.

The Muster Point is located at the Muster Sign by the office







Fire Extinguisher Use Guidelines

A portable fire extinguisher may be utilized when:

- The fire is small and contained
- The fire can be clearly seen
- An alarm is activated, or radio notification given
- The worker is not likely to be overwhelmed by heat, smoke or toxic fumes







Fire Extinguisher Use Guidelines

The use of a portable fire extinguisher must cease when:





Fire Extinguisher Use Guidelines

Once a fire has been successfully extinguished:

- A fire watch must be established
- The empty portable fire extinguisher must be replaced, and the expelled extinguisher placed in the shop
- A supervisor must be notified
- A Near Miss report must be filed



Barricade Tape and Tags

Tape and Tags are used to warn individuals when a hazardous condition may exist.



Yellow CAUTION tape indicates that the secured area can be potentially hazardous. Assess the hazards prior to entering the area



Red DANGER DO NOT ENTER tape indicates a secured area contains a serious hazard. Entry to this location is forbidden and is restricted to the work crew assigned to the area.





When using either CAUTION or DANGER tape a barricade tag is required to be attached at each possible point of entry





Pre-Task Risk Assessment

Must be done for Tasks:

- Completed less than once a week
- At least once every two weeks for all others

Must Be Completed By:

- Every group
- **Every shift**
- Every condition change

The contractor is responsible for providing the assessments when asked. They may use their own form, or ask for Faulkner's.



,	'amulata this form hafara the st	PRE-TASK A		
Job	Complete this form before the st	art of each task or with any cr	Dat	
	iew the following with the work h-risk tasks need a Safe Operatin		nd identif	fy controls.
	INSPECTION	HARNESS INSPECTION		
Personal Hazards _ clear instruction provided _ able to perform the task _ trained to use equipment/tools _ distractions in the work area _ working alone _ aware of weather conditions _ noise levels _ have all the correct PPE Activity Hazards _ welding/grinding _ burn/heat sources _ compressed gasses _ energized equipment _ electrical cords condition _ equipment/tools inspected _ lockout procedure in place _ airborne particles			ted	Environmental Hazards spill potential climatic conditions MSDS reviewed ventilation required heat stress/cold exposure other workers in the area lighting levels housekeeping
Ergonomic Hazards working in a tight area parts of body in the line of fire working above your head pinch points identified working without being trapped repetitive movements working at Height Hazards barricades, flagging, and si hole coverings in place protection from falling iter powered platforms fall arrest ladders			d signs items	Access/Egress Hazards scaffold inspected and tagged sliply/trip potential identified required permits in place excavations confined space other
		ERITY		PROBABILITY
1	Immediate Danger (death,	disaster)	Α	Probable (immediate or soon)
2	Serious (major injury or da	mage)	В	Reasonably Probable (eventually)
3	Minor (non-serious injury o	r damage)	С	Remote (could at some point)
4	Negligible (first aid or less)		D	Extremely Remote (not likely)
5	Not Applicable			
	TASK	IDENTIFIED HAZARD	HAZAF RANI	

*All hazards must have action plans to eliminate or control them. Plans must be in place before starting a task.

Reviewed by:

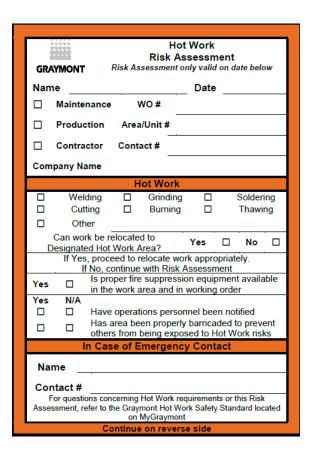
__ Name: ____

Supervisor Signature:



Hot Work





GRA	YMONT	Hot Work Risk Assessment				
		Precautions				
D		d Fire Watch is REQUIRED if any of the follow	ving			
Yes	ap N/A	plicable precautions cannot be checked off Precaution				
res	N/A	Relocate combustibles and flammable liquids				
ш		minimum of 35 ft/11 m from the immediate w				
		zone. If not relocated, use flame-resistent				
		protective guards to protect from ignition sou				
		All floor and/or wall openings, doorways, and				
		windows are closed and/or covered to preve	nt			
	П	sparks from contacting combustibles Floors swept clean of combustibles for an ad	loguato			
	ш	distance - 35 ft/11 m	equate			
П	П	Combustible floor surfaces wet down and/or				
	_	covered w/damp sand or fire-resistant protect	tive			
		guard				
		Combustibles/flammables moved away from side of wall, ceiling, or roof	other			
П	П	Conveyors/ducts shutdown and/or precaution	ns			
taken to prevent sparks from being transferred						
		Firewatch				
	Is Fire	Watch required? Yes ☐ No	o 🗆			
Fire V		nust be maintained for a minimum of 1 hour a	fter hot			
		work has been completed				
Name	of Fire	e Watch				
·taille		e wateri				
	Comp	· ·				
Date		Time AM	PM			
0:	-4	of Fire Wetch				
Signature of Fire Watch Turn in completed Risk Assessment to supervisor						
		n completed RISK ASSESSMENT to superviso Th to maintenance work order if applicable)	71			

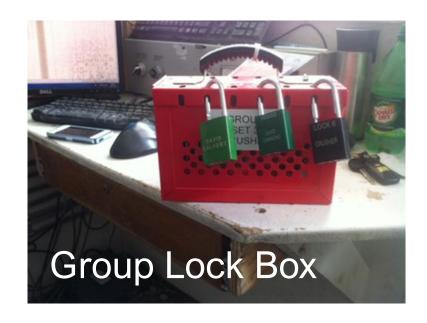
Hot Work Risk Assessment is required when performing Hot Work outside of the designated Hot Work area.

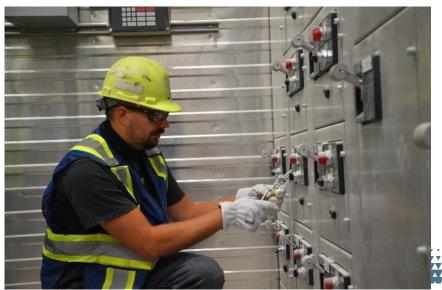


LOTOTO (Lockout Tagout Tryout)

Hazardous Energy Training is required!

- Each Contractor must apply a lock identified with the company and their name to the power control or Group lock box
- > The Operator will lead the Group LOTOTO and document
- > The Operators are responsible for their process and the process area
- The lock must be removed by the contractor when they are no longer participating in the LOTOTO
 - ☐ The contractors lock must not remain on the power control or lock box if the contractor has completed their tasks for the day





LOTOTO - Lockout, Tagout, Tryout



- **1. Notify** all affected personnel.
- 2. **Shutdown** following standard operating procedures. (control power devices to the off position)
- 3. **Isolate** energy sources (breakers, valves, pins, blocks, etc. in the off position). Interlocks and control power shall not be used to prevent unexpected startup.
- 4. Apply LO/TO/TO devices; hasps, locks, tags etc. Every competent person involved in the lockout operation shall apply a personal lock to every energy source control device or to a group lockout (e.g. lock box). System locks are used for group lockout, when system locks are used, every competent person involved still must lockout the lock box with the system lock key(s) in it.
- **5. Relieve** stored energy to a zero-energy state in a controlled fashion.
- 6. Tryout, verify that every energy source is isolated. Starting control switches, testing circuits, cycling, visually inspecting position, manually trying, monitoring movement or discharge, and observing bleeds, gauges, & indicators are all acceptable tryout methods. All control power devices used to verify energy isolation shall be returned to the off position after tryout (test) is completed successfully.



Confined Space Entry

Confined Space training is required!

Continuous Air Monitoring required Permit and Entry/Exit record required.

An attendant must record the entries/exits and atmospheric readings

Working alone is not permitted in confined spaces.

We can provide a permit and entry record.







Confined Space Permit and Entry Record

Post at Entrance CONFINED SPACE WORK PERMIT

IN THE EVENT OF AN EMERGENCY 1. DO NOT enter the confined space GRAYMONT 2. Go to the nearest telephone located at 3. Immediately call for emergency assistance from Moosehorn Fire Department by dialing 9 - 911.								
	Inform dispatcher of the location and nature of emergency Report back to confined space to provide guidance and assistance							
Gi	ENERAL DATA	Α						
Date:/ Duration:	: AM/PM	1 to	AM/PM					
Department/Area:								
Confined Space to be Entered								
Purpose of Entry:								
multiple levels testing internal	SPHERIC TES							
atmospheres for potential toxic Series I airborne contaminants or enter Time	Series 2 Time	Series 3 Time	Series 4 Time					
IV/A (************************************	96	96	96					
Oxygen Concentration% (Perminsible Entry Level: 19.5% to 29.5%)								
Explosive Gas (LEL) % of LEL (Permissible Entry Level: Under 10%)	% of LEL	96 of LEL	% of LEL					
Toxic Airborne Contaminants								
H ₂ S (Hydrogen Sulfide) ppm (Permissible Entry Level: less than 1 ppm)	ppm	ppm	ppm					
CO (Carbon Monoxide) ppm (Permissible Entry Level: less than 25 ppm)	ррш	ррш	ppm					
(Permissible Entry Level: less than 3 ppm)								
List other: ppm	ppm	ppm	ppm					
List other: ppm	ррт	ppm	ppm					
TemperatureoF Combustible Dust Yes No NA:	•F	oF	°F					
(Visibility 5' or greater)		1						
Tester's Initials	' '							
Atmospheric Monitoring Required (✔): Periodic	Continuous Open	erations such as hot work and/or usin r a confined space may require conti	ng hazardous chemicals inside or muous atmospheric monitoring					
	hysical Hazards (
Potential for Engulfment:	High Pressure: Low Pressures:	Slips/Trips/Falls: _ High Temperature	5:					
Flammable Combustible Materials	Auger:	Low Temperatures	E					
Corrosive Materials: Hazardous Energy:	Feeder: Live bottom:	Materials of Constr Obstructions/Obsts	ruction: acles:					
Ladders:								
Noise:	Poor Visibility:	-						

SPECIAL	REQUIREMENTS	

Place a (✔) in appropriate spaces	Required	Not Required
Air Ventilation Type/Device:		
Full Body Harness and Lifeline for Facilitating Non-Entry Rescue		
Full Body Harness and Mechanical Retrieval Device for Facilitating Non-Entry Rescue		
Fire Extinguisher		
Portable Lighting		
12 Volt Explosion Proof Lighting		
Ground Fault Circuit Interrupter(s)		
Line Breaking: Opening: Blanking: Double Block and Bleed:		
Hot Work Permit		
Lockout/Tagout/Tryout		
Secured Ladder(s)		
Hazardous Chemical Safe Work Practice		
Barricades		
Other:		

PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS

Place a (*) in appropriate spaces
Respiratory Protection: Filtering face piece (dust mask): Full facepiece: Powered Air Purifying (PAPR):
Eye Protection: Safety glasses with Side shields: Dust goggles: Chemical splash goggles: Tinted: Welding:
Gloves: Cotton: Leather: Neoprene: Rubber: Nitrile: Other:
Protective Clothing: Chemical Suit:Tyvek: Rain Suit; Flame- Resistant: Other:
Foot Protection: Safety shoes: Rubber boots: Other:
Hearing Protection:
Face Protection:
Hard hat:
Other:

COMMUNICATIONS MEDIA (~) Verbal: ___ Sign/Hand Signals: ___ Portable Radios/Channel: ___/ ___ Horn ___ Other:_

ENTRANT SIGN-IN AND SIGN-OUT LOG Employee Name L/O Time In Time Out Employee Name

		l		
		-		

	QUALIFIED ATTENDANT(S)				
1	Name:	Assignment Times:	Beginning::	Ending::	
	Name:	Assignment Times:	Beginning: :	Ending: :	li_

ADMINISTRATIVE	
	_

Comments Regarding Entry

Entry Team Leader Signature: Permit Cancelled By (Signature):

RETURN CANCELLED PERMIT TO SAFETY



Confined Space Permit - Emergency

Attendant will prevent all entry!

- 1. Assess the situation and determine what happened and if there are any casualties.
- 2. Notify a Supervisor or the firing floor on the radio and call 911.
- 3. Ensure your own safety use proper PPE and clothing
- 4. If safe to do so remove victim from the space to a safe area and administer first aid (if trained)
- 5. Ensure the risk assessment for task is in hand with location of emergency equipment, LOTOTO, hazards and entrants recorded on it.





Working At Heights





"You weren't listening. I said, 'Don't fall."



4 feet (1.22m) or more (regardless of the reason or duration).

OR anytime an unusual risk of injury exists when working above ground level.



Fall Hazard Elimination

Eliminate Working at Heights whenever possible!

- Work at Ground Level
- Use Scaffold or a Work Platform
 - Temporary Guardrails
 - Aerial Devices
 - Use Tools or Equipment











Aerial Devices



- Training required.
- Fall protection is required
- Must remain within the basket and on the floor.
- Must use the manufactured anchor point.



Ladders

A worker may work from a ladder without fall protection if:

- the work is a light duty, routine short duration (15min)
- Maintain three-point of contact and remain centered

** Any ladder with damage must be tagged and removed from service**







Scaffold/Work Platforms

- Must be constructed, and maintained by a competent, usually certified person
- Scaffolding will have a tag (red, green or yellow) usually a yellow tag.
- You MAY NOT use scaffold that has a red tag, expired tag or no tag.
- If there are no guardrails you must use an appropriate travel restraint system.
- Load distributions must be evenly distributed and must not exceed ¼ of the tagged load capacity.







FALL PROTECTION PPE



Training Required

Must use own Full Body Harness, Lanyards, etc.

Used only when all other controls have been eliminated

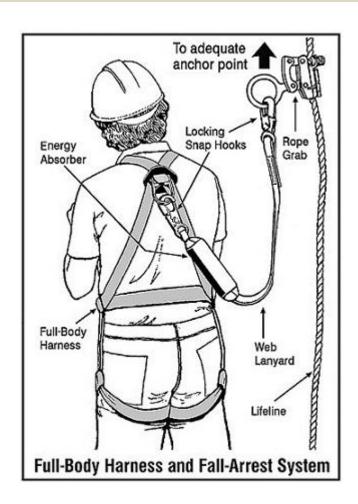
NO WAIST BELTS!



Fall Arrest

Only when elimination, substitution and travel restraint options have been exhausted.

- Fall prevention only reduces the chance of injury when a fall takes place.
- The anchor point must be able to suspend a pickup truck.
- An SRL is recommended.
- Suspension trauma straps are <u>required</u> on all harnesses
- A FLRA and a Clearance Required Calculation Sheet must be completed.





Electrical Safety

- Always be aware of overhead electrical wires
- Know and follow Graymont LOTOTO policy and procedures
- Never work on electrical equipment while standing on a wet surface
- Proper training is required for all work on electrical equipment





Housekeeping Expectations

All workers are responsible for maintaining the area they are working in, clean up all:

- Slip, trip and fall hazards
- Spills
- Garbage
- Spare parts / machinery

Clean up and removal of all debris and litter is imperative. For disposal related questions contact your site representative.

- Leaving items such as bolts, nuts or metal in an area can cause equipment and process issues as the items frequently end up in our system via our clean up systems.
- Litter such as water bottles waste must be disposed of in garbage receptacles.







Mobile Equipment Use

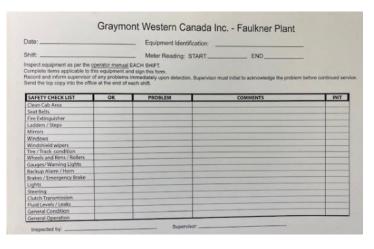
Mobile Equipment may only be used by trained Graymont operators.

Inspections must be completed prior to use. Inspection Books are in the Mobile Equipment.

Mobile Equipment operators are available for contractor use IF NEEDED.









WORKING ALONE

When is a worker 'alone'?

- They are on their own
- They cannot be seen or heard by another person
- They cannot expect a visit from another employee





Working Alone Procedure

- Any time that someone is working alone or on a shift when no supervisor is present these steps are to be followed:
 - Carry a functional two-way radio and have it turned on.
 - Call in to the firing floor to report their status at a minimum every two hours.
 During inclement weather (extreme cold, severe rain/lightning storm) the check in time should be decreased to every hour.
 - If the fireman/acting fireman or their designate does not hear from the worker in two hours he must attempt to call or locate the worker. If he is unable to contact or locate the worker than this must be treated as an emergency.
 - In case of emergency the fireman/acting fireman will contact the on-call supervisor. The on-call supervisor will act as required to respond to the emergency.



Lifting and Rigging

- Only competent persons shall operate cranes and hoists.
- Cranes and hoists shall not be:
 - Loaded beyond rated capacity (except for test purposes)
 - Used for side pulls
 - Shock loaded
 - Left unattended with a suspended load
- All cranes and hoisting equipment must be inspected prior to use!!!
- Areas where lifting operations are to occur shall be identified with red danger tape and tagged, barricaded in a manner that works for the facility or monitored by a dedicated attendant to prevent personnel from passing under or near a suspended load.





Color Codes for Piping

The Graymont Faulkner facility uses the American National Standards Institute for color coding requirements for all new instalations:

- RED Fire protection systems
- ORANGE Toxic and corrosive liquids
- YELLOW Flammable liquids and gases
- BROWN Combustible fluids
- GREEN Potable water
- BLUE Compressed air





HSE Reporting

Help us to continue on our journey to World Class

Report every

- near miss,
- good catch,
- Property incident
- Environmental incident (spills, dust etc...)
- first aid, medical or injury incidents.

We accept reports via email, phone and in person.

Time:	Date:
Observer Name	e:
Area/Business	
Person(s) Obes	served (optional):
Severi	ty:LowHigh



Orientation Quiz Confirmation

Quiz & Declaration

https://graymont.mosaicsurveys.com/F/contractor-orientation-quizdeclaration/

- Click on Link above
 - Complete the quiz

