



FRACTION
Division of Green Energy Services



LV ENERGY SERVICES
A Division of Green Energy Services Inc.

WE DO IT SAFELY, OR NOT AT ALL.

September 2024

Message from the VP of Health, Safety and Environment

Emergencies are unpredictable, yet the impact they can have on businesses and individuals is immense. Recognizing this, Green Energy Services (GES) has developed comprehensive emergency response plans (ERP) designed not only to prevent incidents but also to minimize injuries and losses when crises occur. At the heart of these plans lies the fundamental belief that preparation, training, and swift action can save lives, reduce costs, and protect the company's reputation.

The Purpose of Preparedness

Emergency preparedness goes beyond mere compliance; it is a best practice that fosters safety, efficiency, and teamwork. Green's ERP is designed to ensure all employees, from top executives to site workers, understand their roles in managing emergencies. This systematic approach applies across all operations and divisions, emphasizing that emergency response must be organized, rehearsed, and executed with precision.

Whether it's a chemical spill, fire, or natural disaster, Green is committed to mitigating risks. Each scenario demands its own tailored response plan, and everyone, from managers to workers, must be equipped with the knowledge and tools to respond effectively.

A Culture of Responsibility

At Green, leadership at all levels is accountable for ensuring safety.

Executives are kept informed of emergency events and, when necessary, assist in allocating resources or guiding response strategies. Managers implement ERP procedures, ensuring their teams are well-trained and equipped to handle emergencies.

Site supervisors play a pivotal role, serving as the first responders and incident commanders during crises. They are responsible for stabilizing the situation, ensuring safety, and managing the first stages of the emergency response. Workers, meanwhile, are expected to follow procedures diligently, cooperate with the emergency team, and protect themselves and their colleagues.

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MESSAGE FROM THE VP OF HEALTH, SAFETY AND ENVIRONMENT CONTINUED

Common Response Actions: The Core of ERP

The foundation of every ERP is a set of common response actions that all employees must be familiar with. These steps include:

- Protecting yourself and others
- Evacuating and conducting roll calls
- Contacting supervisors and emergency services
- Documenting actions and responses
- Establishing an Incident Commander to oversee the situation

Swift, coordinated actions save lives and prevent further damage, underscoring the need for all employees to internalize these procedures.

Prepared for Every Scenario

Green's ERP addresses a wide range of emergencies, including:

- Chemical spills: Whether it's a hydrocarbon or toxic chemical release, quick containment is essential.
- Fires and explosions: From initial fire-fighting efforts to full evacuations, clear procedures are in place.
- Gas leaks and releases: Procedures ensure safe evacuations and immediate containment.
- Serious injuries or fatalities: First aid and medical assistance are prioritized, with emergency personnel on call.
- Natural disasters: Protocols for earthquakes, floods, tornadoes, and blizzards ensure safety during extreme weather events.

These emergency types are only part of a broader strategy that ensures safety and minimizes damage in any scenario.

Training, Drills, and Continuous Improvement

The cornerstone of any ERP is training and practice. Every year, Green conducts emergency drills across its facilities to ensure readiness. Supervisors are required to lead at least one documented emergency drill annually, with a focus on high-risk scenarios such as fire response, evacuation, or water rescue. These drills help workers rehearse their roles and identify any areas for improvement.

When Disaster Strikes: Steps to Take

In an emergency, seconds matter. Green's ERP outlines step-by-step instructions to guide workers through various scenarios. For instance:

- In the event of a fire, workers are trained to sound the alarm, assist others, and, if safe, attempt to extinguish the flames.
- If a serious injury occurs, emergency services must be contacted immediately, and first aid administered by a trained responder.
- In the case of natural disasters such as a tornado or earthquake, workers are instructed to seek shelter and follow specific evacuation routes.

A Collective Commitment to Safety

Ultimately, emergency preparedness at Green Energy Services is a collective effort. Every individual, from executives to front-line workers, plays a role in ensuring the safety and well-being of the entire organization. By fostering a culture of responsibility, encouraging continuous training, and maintaining a robust ERP, Green remains ready to face any challenge head-on.

At Green, safety is more than a priority – it's a commitment.



Damian Akhurst
VP of Health, Safety and Environment

Preparedness isn't just about having a plan on paper; It's about ensuring every worker is ready to act when the time comes.



Do it safely, or not at all.

MONTHLY SAFETY TOPIC



Emergency Preparedness



To eliminate confusion, injury, and property damage, LV Energy Services has created a comprehensive emergency management plan that includes Emergency Preparedness Procedures (ERP) for the following workplace emergency situations:

- Hydrocarbon / Chemical Spill
- Fires or Explosions
- Encroaching Grassland or Bush Fires
- Fire Control
- Gas Releases
- Out of Control Well
- High/Low Vapor Pressure Release
- Natural Gas Release
- Product Transportation Release (Trucking)
- Serious Injuries or Fatalities
- Search and Rescue
- Hazardous Wildlife – Bears
- Motor Vehicle Collisions & Mobile Equipment Rollovers
- Water/Ice Rescue
- Violence Prevention and Vandalism
- Natural Disasters



Refer to the policy *Emergency Preparedness Section: 500.01.00* for information on how to:

1. How to respond if you encounter a situation
2. Respond when an emergency alarm is activated

STATISTICS & RESULTS – AUGUST 2024

	FRACTION	LV
TRIF	0	0
FIRST AID	3	0
MEDICAL AID	2	0
MODIFIED DUTIES	2	0
LOST TIME	0	0
LOC	1	0
KM DRIVEN	1,976,428	8,453
SAFETY FORMS PROCESSED	8.453	

TRIF: Total Recordable Injury Frequency

LOC: Loss of Containment



POLICY REFRESHER

EMERGENCY PREPAREDNESS

Section: 500.01.00

Purpose: This best practice is provided in order to define the processes and documents to be used to identify, manage, and mitigate the types of emergencies that could occur on GES, or client operations. This best practice and related procedures apply to all GES operations and divisions. Managers, supervisors, and workers are expected to handle emergencies according to this best practice. A periodic review of this best practice will take place to ensure its effectiveness.

Emergency response should be organized, rehearsed and methodical. In cases where GES is supervising other companies this best practice will apply. Contractors reporting to GES may use their emergency response processes, provided they are equivalent to GES's program. In many cases emergency management processes will interact with incident management processes. This best practice and program focus on response to emergencies and incidents as defined in GES's ERP documents. Most incidents will not be emergencies and will be handled using the Incident Management Program. Major incidents and large-scale emergencies that are ongoing are definitely within the scope of this best practice. The potential for escalation is a key factor that will distinguish emergencies from incidents.

Where an emergency occurs on a client site, response effort may be managed using the client's emergency response processes. Even when client processes are used the details will still be recorded using GES documents and incident reporting systems. A GES representative, or the site supervisor will participate in any follow up efforts, including investigations.

Scope: This document provides important Emergency Response Plan (ERP), Working Alone, First Aid and Journey Management (JM) guidelines and considerations to be addressed prior to embarking from any GES location or jobsite and returning to an appointed stopping point. All employees will comply with the requirements of GES's ERP, Working Alone and Journey Management processes to ensure the safety of each and every worker, driver, vehicle, and associated equipment.

HAZARD ID

Remember to report all hazards.
Reporting hazards is essential for learning from mistakes, preventing recurrence, and improving safety performance.

WILL YOU BE NEXT MONTH'S HAZARD ID WINNER??



POLICY REFRESHER CONTINUED

Regulatory References

- WSBC Parts 3, 4, 5 and 16
- Alberta OHS Part 2, Part 7, Part 12, Part 27

Competency Requirements

- Hours of Service Training
- Supervisor Training
- Fatigue Management Training
- New Hire Orientation
- Mentorship Program

Emergency Management and Loss Control

GES recognizes that there are emergency response actions that are somewhat universal. GES also understands that planning is a key element to successfully managing emergencies. Therefore, supervisors and managers are expected to be familiar with the following items and must promote a good working knowledge of the common response actions.

Daily Emergency Preparedness Actions

- Identify who you would contact in the event of an emergency (your immediate supervisor or potential Incident Commander).
- Identify egress route(s) and muster location(s).
- Ensure there is a head count obtained for all site personnel and that a personnel list is kept and used for roll call at muster/assembly locations.
- Identify where relevant safety equipment is located (personal protective equipment, fire extinguishers, first aid kits, etc.)
- Identify bulk and highly toxic chemicals and high-risk work processes slated for the job site. Be familiar with SDS sheets and First Aid procedures.
- Understand how to initiate site evacuation in the event of an alarm or incident.

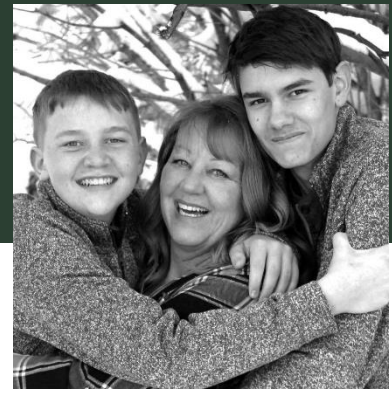
Common Response Actions

- Protect yourself and other responders
- Protect the public
- Evacuate and complete roll call
- Contact immediate supervisor
- Call 24-hour emergency number – 1-855-372-2857
- As required, call for backup within your work team/ workplace
- As required, call fire, RCMP, local police, ambulance or 911
- As required, call for external support services
- Ensure all personnel dispatched to the incident site are trained and appropriately equipped
- Document your response actions
- Initiate your emergency response plan and establish an Incident Commander (IC) at the site
- Initiate the appropriate incident specific response plan as set out in the ERP
- Ensure internal/external reporting requirements are fulfilled – Initial Incident Report
- As required, refer to the 'Brief Factual Media Statement for any company Responder'



EMPLOYEE CONTRIBUTION

MICHELE DAVIS | HSE Manager, LV Energy Services



Plan for success, prepare to fail safely!

Safety is a lot of preparing and planning. We plan to execute a job, task, project or a drive with all safety controls in place to prevent an incident or loss of any kind. We also prepare for the unexpected, an incident or loss.

Late summer and fall are a perfect time to plan and prepare for weather, schedules and change in seasons. Outdoor work requires proper preparation, especially in severe winter weather conditions.

Weather

Pre-season inspections should be conducted on vehicles;

- tires
- snow brushes
- maintenance schedules
- extra equipment
- spare fluid
- breakdowns
- emergency equipment
- fire extinguishers
- first aid kits
- triangles
- tire chains and changing equipment
- spare tires inflation
- snacks, water
- emergency candles and blankets



Clothing / Temperature Changes / Precipitation / Traction Aids / Warmth

Ensure all work wear is inspected thoroughly and suitable to for work. Perhaps replace or restock one expensive item every year to spread costs over the years, rather than all at once. Layer clothing to keep warm enough to be safe, but cool enough to avoid perspiring excessively. Layering might contain the following:



- Inner layer – a synthetic weave to keep perspiration away from the body
- Middle layer – wool or cotton fabric to absorb sweat and retain body heat.
- Outer layer – material designed to break the wind and allow for ventilation, FR Rated.
- Wear a liner or FR Toque. Almost 40 percent of your body heat escapes from your head. Add a winter liner that covers your neck.
- Place heat packets in gloves, vests, boots and hats to add heat to the body.

Watch out for the effects of cold temperatures on common body functions, such as:

- Reduced dexterity and hand usage
- Cold tool handles reducing your grip force
- The skin's reduced ability to feel pain in cold temperatures
- Reduced muscle power and time to exhaustion

Daylight / Driving Habits / Animals

1. **Watch the signs.** Wildlife warning signs are usually yellow and diamond-shaped and will feature an illustration of an animal.
2. **Slow down.** Speed is one of the most common collision factors. Obeying the speed limit is an easy way to mitigate risk.
3. **Plan and drive defensively.** Try to predict what you would do if an animal darted toward your car. Being mentally prepared and actively aware of your surroundings can cut down on your reaction time. Make sure you're surveying both sides of the road, especially if you are in wildlife habitat.



4. **Scan - Scan and RESCAN** ditches, road sides, brush/ trees, hills, low areas where open water maybe – If there was 1, there are usually more. Watch where they came from, not where they are going.
5. **Breaking and swerving.** Swerving can be dangerous, especially on winter roads. Reduce your speed when you see posted signs. "If a deer is in your way, consider using your brakes, not your wheel," Wildlife Collision Prevention Program recommends.

WHAT IF YOU CAN'T AVOID A CRASH?

- Focus on where you're going, and not the animal. People tend to drive where they look.
- Try to hit at an angle and not a head-on collision.
- Ease up on the brakes before making contact. This causes the front end of the car to elevate and reduces the risk of the animal coming through your windshield.

AFTER A COLLISION

- Call for help if required.
- Do not approach an injured animal. They can be dangerous.
- Turn on hazard lights.
- Warn other drivers if a dead animal is obstructing the road.

Shorter daylight hours increase the need for appropriate lighting. Position lights so they do not create shadows. Consider scheduling tasks according to the light required. Reduced daylight also has detrimental effects on mental health and ability to stay awake. Workers need to ensure personal care is maintained with good diet, exercise, prioritize sleep and stay hydrated in order to ensure winter cold weather has less effects on the system.

Preparation of resources and support for upcoming season

- Training – complete what you can now, especially orientations to save time later completing them on the road or in camp. Refresher training on cold work and effects on workers, Frostbit, hypothermia, slippery surfaces.
- Cold Stress:
 - How to recognize the symptoms of cold stress, prevent cold stress injuries and illnesses.
 - The importance of self-monitoring and monitoring coworkers for symptoms
 - First aid and how to call for additional medical assistance in an emergency
 - How to select proper clothing for cold, wet, and windy conditions
 - Prepare shops and office with shovels, ice chippers, ice melt, icicles overhead signage.
 - Update weather and road report apps to stay in “the know” about weather events and road conditions.

Family Matters / Stress

Ensuring that everyone is prepared in your family for winter will put your mind at ease if you can't be there.

- Have the furnace serviced if required
- Outdoor water taps off
- Hoses, etc., put away
- Ice melt and shovels on-hand
- Heck, put the Christmas lights up in October vs December!

What goals would we like to achieve this season?

Set goals considering safety, personal and professional goals. Most of have some fun! It's cold, dark and we are all in this together.

Safe travels, drive safe, look out for each other and plan for success!

- Michele Davis

If you have to choose between swerving or striking a moose, consider swerving. A collision with a moose, which can weigh up to 500 kgs (1200 lbs), carries a significant risk of injury or death to motorists and passengers. If a crash with a moose is inevitable, crouch as low as possible in your seat, or under the dash, as a moose's body usually ends up crushing the roof of a car completely flat.



WHY WE

WORK SAFELY

Meet Zac:

I joined the team at Fraction in October of 2023. I enjoy working with the various divisions in the yard. Helping to make the yard activities more efficient is my priority.

When I'm not working, I enjoy spending time with family and friends in Edmonton. My girlfriend Chelsea is moving to Grande Prairie this month and we are getting our own place together. We are looking forward to this next chapter in life. I am a sports fan, pretty much any sport you will catch me watching the game.

I have a Border Collie/Jack Russell Terrier named Molly; she is 12 years old.

I work safely because it is important to me that no one gets hurt, and we all go home each day to our loved ones.



MEET ZAC KLEIN – YARD NINJA!

HOMEBASE: Grande Prairie, Alberta

JOINED FRACTION in 2023

FAVE SPORT TEAM: Oilers

FAVE PLAYER: Warren Foegele

Thank you Zac!

The team at GES and your Family thank you for working safe!

Remember... the most important thing is going home safe to our families, friends and loved ones.

WORK ANNIVERSARIES

Work anniversaries are not just another day! They are a clear indication of your loyalty and commitment to Fraction Energy and LV Energy. We thank you for choosing to stay.

EMPLOYEE	# OF YEARS
Darla Smith	12
Derick Besaw	10
Ian Carey	10
Tanya Larkin	10
Chris Kestell	7
Daniel Vallieres	7
Krystal Southwick	7
Martin Brayford	6
Robert Bellavance	6
Brian Hofer	5
Clayton Johnson	3
David D Thomson	3
John Arnoczki	3
Kyle Macdonald	3
Colben Edwards	2
Derrick Warren	2
Gregory Williamson	2
Sydney Hiebert	2
Hayden Hopkins-Phillips	1
Jenna Mayes	1
Mark Johnson	1
Ryan Leblanc	1
Simeon Kembel	1
Xiangyi Hu	1

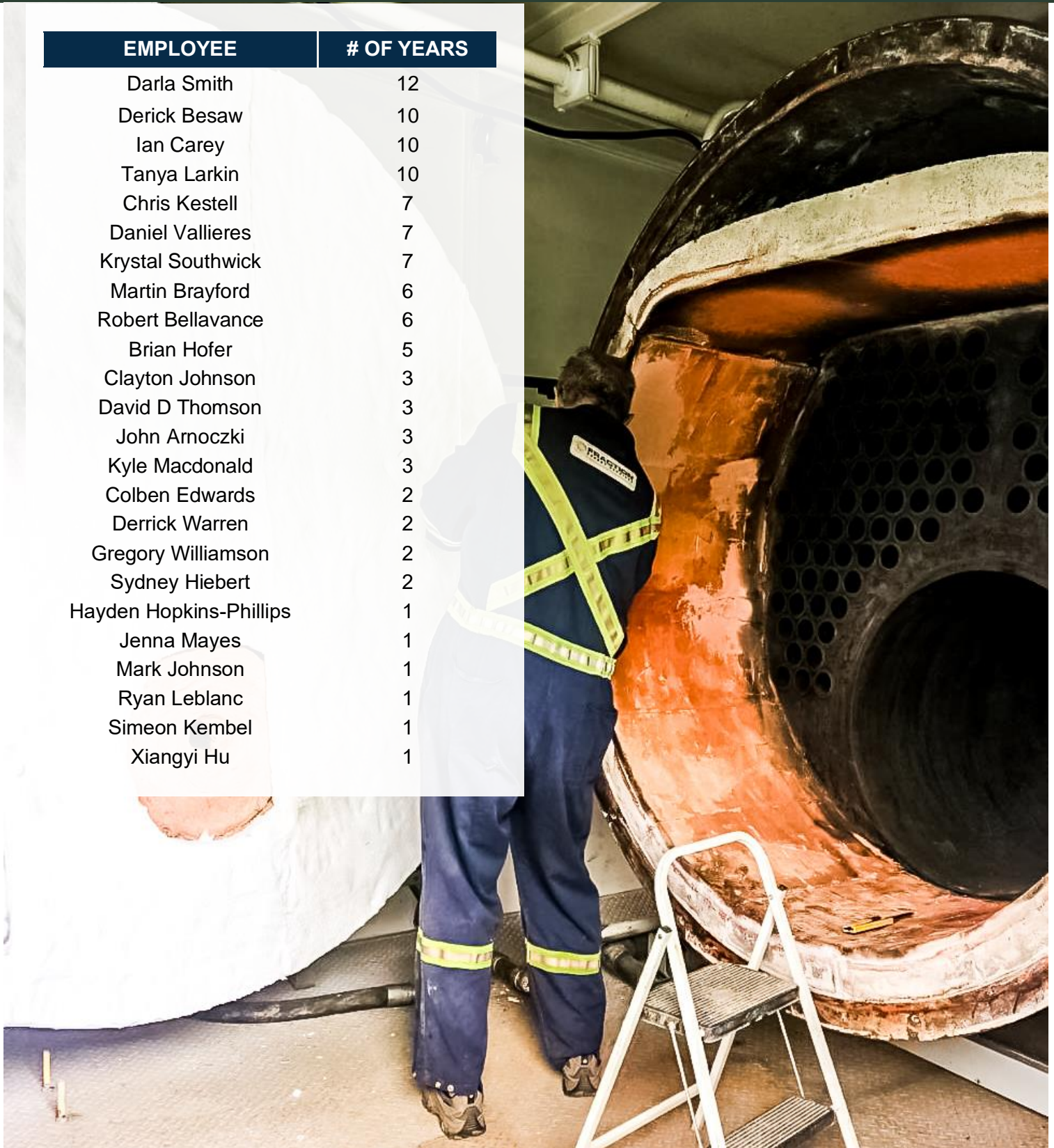




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I work safely because it is important to me that no one gets hurt, and we all go home each day to our loved ones.



Zac Klein, Grande Prairie Yard Ninja