EMERGENCY RESPONSE PLAN
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Emergency 1st Aid Procedures see Medium Risk Procedures – Tab #6
Haltech Testing Inc.       Emergency Response

Emergency Contacts

➢ Baytree 24 Hr. – Hal Keith  780-864-0153 Cell
                           780-353-3763 Home

➢ Baytree 24 Hr. – Lon Urness  780-864-5881 Cell
                                780-353-2259 Home

➢ Baytree 24 Hr – Micah Meunier  780-864-0140 Cell

➢ Blueberry 24 Hr – Esther Mann  780-864-0312 Cell

THE PRIMARY EMERGENCY NUMBER IS  911

AMBULANCE
➢ FAIRVIEW  780-835-6100
➢ GRANDE PRAIRIE  780-532-9511
➢ SPIRIT RIVER  780-864-2453
➢ DAWSON CREEK  250-782-2211
➢ FORT ST JOHN  250-785-2079
➢ FORT NELSON  250-774-2344

AIR AMBULANCE
➢ NORTH CARIBOO AIR (FSJ)  888-735-9464
➢ NORTHERN AIR (Grande Prairie)  800-661-1911
➢ STARS (Grande Prairie)  888-888-4567 (Call 911)

RCMP
➢ FAIRVIEW  780-835-2211
➢ GRANDE PRAIRIE  780-538-5700 / 538-5701
➢ SPIRIT RIVER  780-864-3533
➢ DAWSON CREEK  250-784-3700
➢ FORT ST JOHN  250-787-8140
➢ FORT NELSON  250-774-2777

DANGEROUS GOODS INCIDENTS - ALBERTA
➢ ENVIRONMENT  800-222-6514
➢ E.R.C.B. (Oil & Gas Incidents)  780-538-5138
➢ INDUSTRIAL ACCIDENTS  780-538-5249
➢ DISASTER SERVICES  800-272-9600
➢ POISON CONTROL CENTER  800-332-1414

DANGEROUS GOODS INCIDENTS - BC
➢ P.E.P. (Environment or Oil & Gas Incidents)  800-663-3456
➢ INDUSTRIAL ACCIDENTS  780-538-5249
FIRE DEPARTMENT
- FAIRVIEW 780-835-4372
- SPIRIT RIVER 780-864-4111
- WORSLEY ALARM 780-685-3811
- BONANZA ALARM 780-353-3911
- DAWSON CREEK 250-782-9898
- POUCHE COUPE 250-786-5794
- FORT ST JOHN 250-785-4333
- FORT NELSON 250-774-2222

FIRE MASTER
- GRANDE PRAIRIE 780-539-4400

HOSPITAL
- FAIRVIEW 780-835-6100
- WORSLEY HEALTH UNIT 780-685-3927
- GRANDE PRAIRIE 780-538-7100
- SPIRIT RIVER 780-864-3993
- DAWSON CREEK 250-782-8501
- FORT ST JOHN 250-262-5200
- FORT NELSON 250-774-8100

WCB
- WCB - Alberta 866-922-9221
- WCB - BC 888-621-7233

FORESTRY
- ALBERTA 780-427-3473
- BC

FISH & WILDLIFE
800-642-3800

HYDRO
- FAIRVIEW 780-835-2206
- GRANDE PRAIRIE 780-538-7000
- BC 888-769-3766

OILSPILL CO-OP (Area T - Alberta)
- ALPINE ENVIRONMENT Sherry Paul 780-538-0050

FIRST AID UNIT
- ALBERTA - IND. AMBULANCE 866-611-9911
- BC – ON-SITE ADV. MEDICAL SERV. 866-402-2339

PORTABLE BREATHING AIR TRAILER
- FIRE MASTER 780-539-4400
- STANDARD SAFETY 780-529-4017
- WEL INDUSTRIES – Wayne L 780-864-1276
1. **EMERGENCY RESPONSE PLAN GOAL**

Haltech Testing Inc.’s goal is to reduce injuries, save lives and reduce costs if disaster strikes.

Fist aid equipment and supplies are to be clearly visible, maintained in a clean, dry and serviceable condition, in a container that protects the contents from environment and is clearly labeled.

Site personnel must know what needs to be done and how to get it done together. How we respond could determine the extent of personal injury, public health threats, equipment loss and environmental damage. Therefore, Haltech Testing Inc. will provide employees with training which will include scenarios of potential emergencies in the oilfield industry.

Every reasonable effort must be made to control the hazards while the condition is being corrected or an emergency response is being carried out. There are times when the emergency procedures may be dangerous to the safety or health of workers. Be sure that only those workers competent in correcting the condition and the minimum number of workers necessary are exposed to the hazard. If there are fatalities or serious incidents, make every reasonable effort to prevent alteration of the scene and/or stop work until unsafe conditions are resolved.

2. **TRAINING**

Haltech Testing Inc. is committed to providing adequate training to ensure that employee or contractor safety is not compromised. All participants in the Emergency Response will take the following basic training and records will be kept on file.

- Basic Safety Awareness and orientation
- PPE
- The use and the care of fire fighting equipment
- Rescue and Evacuation (for supervisors)
  - (Including simulated rescue or evacuation exercises and regular retraining, appropriate to the type of rescue or evacuation that may be required.)
- Standard First Aid (including immobilization of the injured and procedures to call for transportation of injured workers)
- WHMIS
- H2S Alive
- TDG

3. **POTENTIAL EMERGENCIES**

An emergency may be the result of process upsets, uncontrolled reactions, fires, explosions, threats, unplanned releases of hazardous materials, natural disasters such as earthquakes, floods and winter storms.
Potential emergencies include:
- Injury to worker
- Fire (may involve hazardous materials)
- Release of Hazardous or Controlled Product (leak / spill)
- Climate/Natural Disasters (forest fire)

Mechanical or process problems that can be solved routinely or by technical knowledge alone are not considered emergencies.

Emergency Equipment & Fire Protection Plan

Haltech Testing Inc.’s worksite is built to code and is equipped with smoke/fire alarms, exit signs and fire extinguishers. Emergency Equipment for each unit also includes:
- First Aid supplies with Eye Wash
- Fire fighting supplies
- Cell Phone
- H2S detector and SCBA (when required)
- Survival Kit (seasonal)
- Spill soak up pads
- Emergency Contact List

4. ACTION

1. Recognize the Problem & Sound Alarm

2. Evaluate the Hazard

3. Take Control

4. Call Out for Help

5. Take Action

6. Make Record and Follow Up

Following notification of a possible emergency, the supervisor in place and Haltech Testing Inc.’s Operations Supervisor must evaluate the situation, the effect on personnel in the area and the effect on other areas, including the community and the environment.

1. Haltech Testing Inc.’s Operations Supervisor has two choices:

   - Initiate routine response and/or cleanup procedures for relatively small, non-threatening emergencies or;
   - Activate the ERP thereby activating the Emergency Response Team.

5 EMERGENCY RESPONSE PLAN – INJURY
First Aid Procedures Tab #6 – Medium Risk

- STAY CALM, assess the situation carefully.
- First ask yourself “Is it safe to assist the victim or will rescuers be at risk?” If it is safe, call for help and administer first aid. Then communicate with supervisor and they will arrange for rescue or evacuation.
- If safety is questionable, immediately contact Haltech Testing Inc.’s Operations Supervisor and wait for instruction.

3. Next, consider the following questions:

- What equipment must be shut down?
- Should the area be isolated? Fires involving gas require isolation.
- Is evacuation necessary? Are surrounding area’s at risk?
- What kind of resources and assistance are needed?
- What key management personnel should be notified?

The supervisor and Haltech Testing Inc.’s Operations Supervisor have the responsibility for coordinating all response measures and have the authority to commit resources in an imminent or actual emergency situation.

Emergency Alerting Procedures

Upon discovery of any apparent emergency situation (spill, fire, explosion, personal injury, etc.), contact Haltech Testing Inc.’s Operations Supervisor at the following number:

Micah Meunier Cell: 780-864-0140

The following information is required to effectively deal with the emergency:

- Caller’s name
- Location of the emergency
- Nature of the emergency
- Number and severity of injuries
- Other relevant information

5 EMERGENCY RESPONSE PLAN – SPILLS

Responsibilities

Haltech Testing Inc. has a responsibility to ensure that operations are carried out in a manner that is safe and protects the environment. Haltech Testing Inc. is committed to taking every precaution to control, store, handle, use and dispose of hazardous materials and substances. Haltech Testing Inc. and its contractors will comply with all
environmental regulations and monitor operations to ensure that preventive measures are in place to minimize risk.

Supervisor is to do a head count immediately upon evacuating and report to Haltech Testing Manager and notify emergency responders as necessary.

Manager is to notify emergency responders as necessary, or municipality and province as required.

**General Spill Response Techniques**

In ideal situations, emergencies are assessed, contained and corrected quickly by the discoverer. Reality suggests that these actions take time and often require a team of responders.

- Identify the spilled material (MSDS) as quickly as possible.
- Contact Haltech Testing Inc.’s Operations Supervisor immediately.
- After assuring that the area is safe, remove any victims from the spill area as soon as possible.
- Obtain assistance in isolating the area from the workers.
- Obtain and put on appropriate personal protective equipment. Eye, face and hand equipment are recommended at a minimum.
- Begin a containment process. Turn off pumps, close valves and dike the spill with absorbent.
- Now the emergency requires careful assessment. Fires, vapor clouds, ruptured pipes or chemical reactions may dictate the need for evacuation. IF SO, CALL HALTECH’S OPERATIONS MANAGER and EVACUATE THE AREA; if not, consider the next step.
- Listen to directions from Haltech Testing Inc.’s Operations Supervisor. Seek specific manual or MSDS advice on your next action.
- You may want to pump the material to containment, flush it to the waste water system, neutralize it in place or simply absorb all free liquid.
- Place all absorbed or neutralized material in approved 55 gallon drums in preparation for removal (pending approval of method by Environmental Manager or their designate).
- Initiate decontamination of the area. Remember that soap and water may work best. Under no circumstances should you use any other decontamination solution without permission by the Environment Manager or their designate.
- Decontaminate yourself at an appropriate location. Use soap and water or a neutralizing solution approved by the Environment Manager.
- Clean PPE or dispose of it with the drummed waste material.

**Alerting Environmental Agencies**
It is the responsibility of the Environmental Compliance Manager to contact *and record that contact* with environmental regulatory agencies of any reportable accidental spill or release. Contact Hal of Haltech Testing Inc.’s at the office, 780-864-0153 or have the office staff contact a supervisor.
6 EMERGENCY RESPONSE PLAN - FIRES

At Haltech Testing Inc.’s Shop/Office

Sound Alarm
Call 911
Evacuate to muster area
Call Haltech Testing Manager

Supervisor is to do a head count immediately upon evacuating and report to Haltech Testing Manager.

Other Fire Discovery and Alerting

If at another site, we are required to IMMEDIATELY report ANY fire discovered, within a forested area, to Lands and Forest Services. All fire reports are to be directed to:

Fire Master
Grande Prairie
780-539-4400

IMMEDIATE reports must also occur where accidental equipment fires occur.

Forest look-out towers cannot always identify resulting smoke as an equipment fire. Unnecessary deployment of Forest Service Resources could be prevented by reporting such fires immediately.

In the event that the Forest Service cannot be contacted, IMMEDIATE contact should be made with Haltech Testing Inc.’s office, personnel in the field or at home. Supervisory personnel will then ensure that the information is forwarded to Lands and Forest Services, preferably at the local fire district level.

When calling, the person should be prepared to provide the Forest Services with the following information:

- Name
- Telephone number
- Fire location (as detailed as possible)
- Time of discovery
- Any fire or weather details observed
- Fuel type (ie. timber, slash, grass)
- Wind direction
- Potential danger to men and equipment
- Action being taken

Suppression

When a fire occurs:
1. Sound Alarm. Notify the rest of the crew and cease operations.
2. Designate one member of the crew to IMMEDIATELY REPORT the fire to the Lands & Forest Service. This person shall remain available to communicate details of the fire and suppression activity being taken and required.

3. The remaining crew shall begin suppression actions IMMEDIATELY.

4. Proper PPE for firefighting (Firefighter’s Protective Clothing for Protection Against Heat and Flame.) must be worn if required to approach the seat of a fire or enter a structure or other hazardous area during an emergency.

5. The person in charge of the crew during suppression operations will continue to supervise the effort until Lands & Forest Services personnel arrive on the site. The person in charge will designate someone to document:
   - How and where the fire originated
   - The time of discovery
   - The time initial suppression action was taken
   - The time remainder of crew arrived on the fire scene
   - The time equipment arrived or was set up (cats, pumps, etc.)

The crew MUST continue fire suppression action or other assigned duties until relieved by Lands & Forest Services.
7 EMERGENCY RESPONSE PLAN - H₂S EXPOSURE

Introduction

H₂S can be found in many job-sites, not just petroleum industry operations. It may accumulate wherever a mixture of hydrocarbons and sulphur are found. Oil and gas fields and tank cars have the potential to contain significant amounts of the gas. Beside these locations, there are a variety of organic sources where H₂S can be found, including such unlikely spots as ships’ holds, mine shafts, pulp mills, swamps and sewers. H₂S is a natural by-product of organic decay.

Locations of H₂S

No job site can be excluded as a potential source since every sector of the oil and gas industry can be contaminated by H₂S.

The point of release on any site is important to know so you can take appropriate action to avoid the gas. Wind direction is critically important because it affects the ability to detect the gas, influences the level of concentration and obviously determines the rate of movement of the gas both on site and towards the surrounding areas.

Identifying areas where the gas will likely be found is another useful strategy for determining specific sources. Look for traps formed by buildings or natural landform depressions that can become specific danger spots in an incident. Since H₂S is heavier than air it will tend to settle or concentrate in low lying areas.

Emergency Medical Response to H₂S Exposure

Emergency Response

First Aid

Rescue

Step One: Evacuate immediately
Step Two: Sound the alarm
Step Three: Assess the situation
Step Four: Protect rescue personnel
Step Five: Rescue victim
Step Six: Revive victim
Step Seven: Get medical aid

Supervisor is to do a head count immediately upon evacuating and report to Haltech Testing Manager. Manager to report as is required by municipality or province as required.
Earthquake

Do Not Run outside. The possibility of being struck by falling debris is far more prevalent leaving a building during an earthquake.

Do get under a desk or other solid protection such as a heavy table. Alert everyone else in the area. Avoid doorways. Protect yourself from exploding windows or falling debris. Remain under a solid structure till the earthquake subsides. If in your vehicle, pull over as soon as is safe, and stay in your vehicle.

Do evacuate to muster area when shaking has subsided.

Supervisor is to do a head count immediately upon evacuating and report to Haltech Testing Manager. Notify emergency responders as necessary.

Tornado

Do Not Run outside. The possibility of being struck by debris is far more prevalent.

Alarm everyone else. Do get underground if possible or into the most interior small room (bathroom). Stay away from windows and doors. If in your vehicle, get as far away from the tornado as possible or drive to a building, preferable with a basement to get protection.

Do evacuate to muster area when tornado has passed.

Supervisor is to do a head count immediately upon evacuating and report to Haltech Testing Manager. Notify emergency responders as necessary.

Winter Storm

Carry winter survival kit. If road conditions have become impassable, stay at the office or on location and remain warm.
If on the road and you become stranded, Do Not leave your vehicle to try to walk to safety in a blizzard.

① Avoid over exertion and exposure
② Stay in your car
③ Keep fresh air in your car
④ Run your motor sparingly
⑤ Use a candle for heat instead of the car’s heater
⑥ Set out a warning light or flares
⑦ Put on the dome light (but don’t wear down your battery)
⑧ Exercise your limbs vigorously
⑨ Keep watch for traffic or searchers