

Appendix 13.9-E

Orica's ERP for D5 Distance Locations at the Tenas Project

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EMERGENCY RESPONSE PLAN ERP #02

Revision No.:01

Date Revised: July 15, 2021

**For Application During Emergencies in
The Transportation System Involving
Explosives**

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Div 1.1, 1.2, 1.3 or 1.5

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EMERGENCY RESPONSE PLAN
ERP #02

In the event of an incident occurring involving explosives, the following procedure should be followed by the Orica Canada employee.

1. Call the number - 111-111-1111
7:00 a.m. – 4:30 p.m. Mon – Fri
or
111-111-1111
24 Hour Service
2. Give your name and branch you are working at.
3. Your telephone number for continuing contact.
4. Truck or unit number.
5. Location of incident.
6. Type of incident.
7. Assistance required – Fire , Medical
8. Products involved.
9. Record time of call and incident time.
8. Remain at phone.

EMERGENCY RESPONSE PLAN ERP #01
INSTRUCTIONS TO PROCESS EMERGENCY CALLS

WHAT TO DO WHEN SOMEONE CALLS

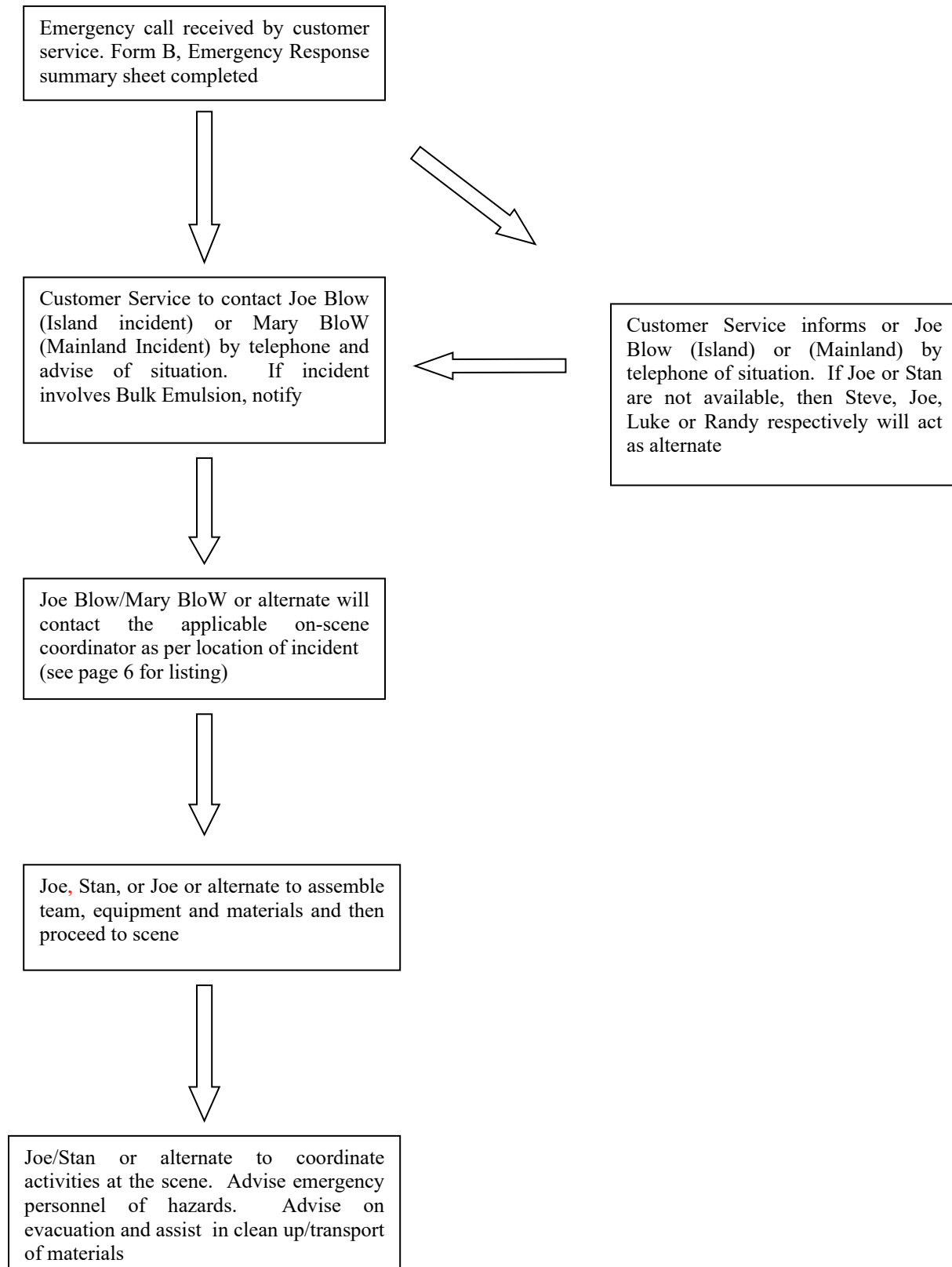
In the event of an emergency call regarding a transportation incident involving Dangerous Goods, do the following:

1. Obtain the name and call back number immediately in the event telephone contact is disrupted. Quickly complete the emergency reporting form to the best of your ability. Fill the blanks as thoroughly as possible.
2. Call the Home Coordinator or his alternate.

Home Coordinator =

Alternate Coordinator =
3. Advise him of the situation and alert him to collect emergency equipment. Arrange for alternative explosive transport vehicle in the area of the incident.
4. Stand by at the office phone to receive further information or instructions from xxxxxxxx

SUMMARY OF RESPONSE TO INCIDENT



INTRODUCTION

This plan is designed to meet the requirements under Part 7.15 to 7.17 of the Transportation of Dangerous Goods Regulations specifically explosives. It will be used to ensure Orica acts in a manner consistent with the intent to protect public safety, property and the environment in the event of an incident involving the transportation of Dangerous Goods - Explosives. It is Orica's policy that all employees have a good understanding of the contents of this plan, know their role responsibilities, and be aware of the individuals involved and their roles. In addition, for key personnel to be familiar with emergency response equipment, where it is located, and how to access it quickly.

SCOPE OF PLAN

Office is located at the Tenas Mine Site located 7 kilometers southwest of the village of Telkwa, British Columbia. Our activities include distribution of explosives and chemicals used in the manufacturing of explosives. Orica Canada has 5 branches throughout British Columbia. Each branch has pick-ups and trucks designed and approved for transporting explosives on the mine sites where the branches are located. All vehicles are equipped with dry chemical fire extinguishers, placards, spill kits, and level 2 first aid kits. These vehicles are the only vehicles authorized for transporting explosives on the mine sites in question. It is Orica's policy and the law that all employees handling, offering for transport and transporting explosives have been trained as per Transportation of Dangerous Goods (TDG) regulations. Only those Orica and Telkwa Coal personnel issued with a certificate of training for TDG purposes are allowed to handle or transport explosives. In addition, it is the responsibility of the driver to ensure transportation and handling of explosives is done safely and legally. This means all safety equipment required on the vehicles is present and operational. The appropriate placards are displayed while transporting explosives. Documentation must be completed and accompany the vehicle whether or not transportation takes place on public or controlled access roads. It is through the shipping document, which includes our emergency telephone number, that this company may be alerted of an emergency if the driver is incapacitated.

The geographical area of coverage for purposes of this emergency response plan includes the entire mine site and associated Bypass road as shown below in Figure 1.

Transportation may also take place through British Columbia, Alberta, and northern Washington State in the United States. Shipments from our magazines are delivered to our customer magazine sites ranging in sizes from 25 kilograms (kgs) to 20,000 kgs for explosive products. Transportation of explosives is done primarily between the hours of 0600 to 1800 hours.

Types of problems, which you may be required to respond to include:

1. Motor vehicle incident requiring simple transfer of explosives to an alternative vehicle designed for transporting explosives.
2. Motor vehicle incident with or without injuries, explosives have been scattered on and around the road bed.
3. Motor vehicle incident with fire and potential for detonation.
4. Motor vehicle incident with detonation.
5. Motor vehicle incident involving bulk emulsion trailer.

Our actions, through advice to first on the scene or company personnel at the site should always be carried out keeping in mind safety of the public and personnel. Public road closures as a result of transportation incidents with explosives are inconvenient, costly and potentially very hazardous. Our aim through timely and effective action is to reduce the risk to the public, property and environment from the hazards of the explosive products, which we consign and carry in the event there is an incident.

This can be done by:

- A) Advising first responders on the true hazards of our explosives.
- B) Transferring explosives from non-operating vehicles involved in a motor vehicle incident to LLLL.
- C) Recovering the explosives (100% of carried product) by searching, locating, identifying damaged explosives, analyzing damaged explosives for safe transport, picking up, repackaging, safely transporting the product, disposing or arranging for the same to be done.
- D) Advising first responders on firefighting options if necessary.
- E) Advising first responders on evacuation distances, assisting them to accomplish this and, in extremely urgent situations, acting to do so ourselves.

EMERGENCY RESPONSE ORGANIZATION

The key personnel with responsibilities in the event of a transportation incident are:

HOME CORDINATOR OR ALTERNATE

- 1) Is ultimate authority in charge and decision maker for overall operations.
- 2) Alerts On Scene coordinator or alternate to assemble a team with equipment and materials needed at the scene.
- 3) Dispatches team and equipment to incident site, if necessary. If incident involves Bulk Emulsion, alert contractor and carrier (equipment owner).
- 4) Consults with technical advisors if necessary, and provides telephone advice to those first on the scene regarding hazards and appropriate steps which should be taken at the incident site to preserve public safety (e.g. advises on evacuation distances, if necessary). Refer to page number 18.
- 5) Arranges for whatever additional assistance or equipment and materials as requested from the incident site through the on scene coordinator.
- 6) Contact other Explosives Company branches in the event their assistance is needed.
- 7) Completes within 30 days, a written report of dangerous occurrence as per part 9.14(1) of the Transport of Dangerous Goods Regulations using Form 2 in Schedule IX of the regulations.
- 8) Keeps emergency plan up-to-date. Informs Transport Canada of any significant changes, such as company name or activating telephone number. Distributes copies of plan to employees.
- 9) Tests the telephone number and how emergency calls are processed occasionally.

- 10) Inform employees of the contents of the plan to ensure all are aware of their roles and responsibilities and addresses emergency planning topics during regular safety meetings.
- 11) Phone Canutec and advise them we are handling. (613-996-6666)
- 12) Organizes intermediate exercises (twice per year) to test the alerting system and desktop exercises at safety meetings to discuss possible scenarios.

ON SCENE CO-ORDINATOR – Branch coordinator or Alternate

- 1) Is the company's authority in charge of all company actions at the scene.
- 2) Responsible for alerting and assembling or arranging for assembly of personnel such as drivers and equipment or materials needed to reduce hazards through site clean up, etc. If incident involves Bulk Emulsion, alert contractor to provide assistance and carrier to request presence to assess damage if required.
- 3) Travels to scene and acts as the contact point to work with all the individuals and organizations outside the company at the scene.
- 4) Ensures any further transport of explosives from the incident site is done in a safe and legal manner. For incidents involving Bulk Emulsion, arrange for product transfer, site cleanup and disposal of scrap.
- 5) Advises police, fire chief, etc. of specific hazards and actions needed to safely reduce hazard to the public at the scene such as collection and repackaging of explosives.
- 6) Maintains inventory of packaging materials, safety equipment, explosive placards and appropriate shipping documents for use in an emergency.
- 7) Reports regularly to Home coordinator progress of actions at scene.
- 8) Designate person responsible for ensuring that adequate accommodations are readily available should the incident be multi-day.
- 9) Ensures there are sufficient back-up personnel in the event that the incident requires a long-term response.

CHARGE HANDS

Drivers

- 1) If load is under his/ her management or control at the time of the incident, make immediate verbal report to local R.C.M.P. or to 1-800-663-3456 (Provincial Emergency Program) in BC in addition to advising head office.
- 2) Remains with vehicle, and if able, assists local emergency services such as Police, Fire Chief, etc until relieved by other company personnel
- 3) Under direction of the Home coordinator or On Scene coordinator carries out clean-up actions at the site such as picking up explosives or re-packaging and packing for further transport.

NOTE Only individuals who have received training as required under the Transportation of Dangerous Goods regulations or who are working under the direct supervision of an employee who has been trained may participate in site clean up activities such as picking up and re-packing explosive products.

EMERGENCY RESPONSE ORGANIZATION

For On-sites & Manufacturing Plants – Gibraltar, additional coverage is required to assist in the event of an incident involving emulsion explosives or other bulk chemicals. Explosives Company employees who are qualified to coordinate the on-scene activities of a transport incident involving Bulk Emulsion are Brendon Penner and/or Jason Palmer.

Contacts for these two sites would remain the same as the key personnel indicated on pages 5 to 8 with the addition of Peterson Contracting from Williams Lake. They will respond, with the required equipment indicated by the person coordinating the incident response, on a 24-hour basis. Equipment available: trucks, trailers, compressors, extra manpower and misc. For assessment of trailer damage, seek assistance from Reimer Transport

Daytime contacts and phone numbers are:

24 hour phone number:

EMPLOYEE DIRECTORY

PERSONNEL	OFFICE	FAX	CELL	RESIDENCE

PERSONNEL	OFFICE	FAX	CELL	RESIDENCE

EXPLOSIVES COMPANY TECHNICAL			
PERSONNEL	OFFICE	FAX	RESIDENCE
Stern, Mike 10708 74 th Ave Edmonton, AB T6E 1G6	780-436-4398 or cellular 780-984-2360	780-436-4519	780 433-4328

MUTUAL AID	PHONE
EXPLOSIVES LTD 5511 6 th St. S.E CALGARY, AB After Hours -Craig Nicholson	403-255-7776 403-540-8820

EMERGENCY CONTACT LIST

REGULATORY CONTACTS	PHONE	CALL FOR
CANUTEC**	613-996-6666	Report incidents and ask their assistance in notifying local EDU
Provincial Emergency Program	1-800-663-3456 24 hours	Report incidents and possible assistance in contacting for medical help and local emergency measures.
LOCAL RCMP**	Ask operator to connect to detachment nearest site	Report incidents

OTHER GOVERNMENT CONTACTS		
Ministry of Natural Resources		
Rod Boulay Explosives Inspector	604-666-0366 0830-1700 hrs	Information/Advice
Alberta	403-292-4733	Information/Advice
Transportation Dangerous Goods, Vancouver	604-666-2955 0730-1630 hrs	Information re: Legal Transport

NOTE:

**Ask local RCMP or CANUTEC to contact appropriate EDU in area of incident.

RESOURCE CONTACT LIST

ASSISTANCE FROM PRIVATE SOURCES		
COMPANY	PHONE	CALL FOR
Talon Helicopters Ltd 24 hrs	604-214-3585	Transport personnel to/from incident
Canadian National Rail	604-520-5200	
Reimer Bulk 24 hrs ERP -	403-248-1549	Damage assessment to trailers Alert equipment owner of incident
Peterson Contracting Mon – Fri 8-5	250-392-3292	Bulk emulsion trailer incidents – spills Can provide equip/ personnel
B.C. Rentals (24 hrs)	604-323-1222	Lighting and equipment rental
United Rentals (24 hrs)	1-800-877-3687	Lighting and equipment rental
Emergency Services	1-800-567-7455	Bulk spills

PLAN ACTIVATION AND RESOURCE MOBILIZATION

ON SCENE ATTENDANCE

Once an emergency call has been received and the relevant Home coordinator has been briefed on the circumstances, the Home coordinator will ensure calls have been made to the site coordinator and any driver he/ she feels appropriate to assist in the company response. These people will assist in collecting the necessary safety and other appropriate equipment, such as additional packaging, safety marks (placards and labels). Blank shipping documents, TDG Training Certificates, etc. to ensure the explosives can be safely recovered and repackaged, assembled at a place designated by the Home coordinator. Then proceed to the incident site at the direction of the Home coordinator.

Transportation to the scene will be either by company vehicle, If the incident is within reasonable distance or by air.

TELEPHONE ADVICE

Should the incident be considered relatively minor and not requiring the attendance of company personnel, the Home coordinator or Branch coordinator, whichever is the designated contact at the time of the emergency, will provide to the first responders on the scene information in response to their inquiries. It is vitally important to bear the safety of the public and those at the scene in mind. In the event of an incident involving Bulk Emulsion, John Shephard will advise Reimer as to the seriousness of the incident and whether their attendance is required to assess damage.

COMMUNICATIONS

If any company vehicle is dispatched, either a radio, radio phone, autotel or cellular phone must go with the vehicle for use on the way to, and at the scene. If no phone or radio is in the truck then the police must be used to relay the message via police radio.

EMERGENCY/ACTIONS EXPLOSIVES

DIV 1.1, 1.2, 1.3, 1.4, 1.5

POTENTIAL HAZARDS

If subjected to heat, impact or friction:

Explosives of Division 1.1 or 1.5 will burn and may detonate ENMASSE at any time.
This includes Bulk Emulsion

Explosives of Division 1.2 may burn or detonate with projection of fragments.

Explosives of Division 1.3 may burn violently.

Fire may produce irritating, poisonous and/or corrosive gasses.

GENERAL

Isolate hazard area.

Keep up wind and use terrain or building for shield.

Keep unnecessary people away. Keep away from windows.

EVACUATION

If fire or heat threatens cargo area, consider initially the following minimum evacuation distances in all directions.

No. Of Cases	Weight	Distance
5	125 kg	1600 Meters
10	250 kg	1600 Meters
20	500 kg	1600 Meters
200	5,000 kg	1600 Meters
800	20,000 kg	1600 Meters
Bulk Emulsion	20,000 kg	1600 Meters

FIRE – CARGO

Do not fight fire involving explosives if cargo is subjected to heat. Evacuate surrounding area to a minimum distance of 1.6 km.

If possible, and without risk, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area. Do not move cargo that was exposed to heat except under supervision of a specialist.

FIRE – VEHICLE AND EQUIPMENT

Use dry chemical, sand or flooding quantities of water.

Pay special attention to brake or tire fire as re-ignition may occur.

SPILL (ELIMINATE ALL IGNITION SOURCES)

Do not touch damaged container vessels, packages or spilled material.

Do not operate radio transmitters within 100 meters of electric detonators.

Do not clean up or dispose except under supervision of a specialist.

COMPATIBILITY GROUPS

A,B	Substances which are expected to explode or detonate EN MASSE very soon after fire reaches them.
C,J	Substances which are readily ignited and burn violently without necessarily exploding.
D,E,F	Substances which may explode EN MASSE accompanied by a blast and fragment hazard, but may be exposed to fire sometime before exploding.
G,H	Substances which burn fiercely with no mass explosion hazard and give off dense smoke with, in some instances, toxic effects.
K	Substances containing toxic materials.
L	Substances which present a special risk and could be activated either by air (pyrophoric) or water.
S	Packaged substances which if accidentally initiated, produce effects that usually are confined to the immediate vicinity.

EMERGENCY ACTIONS EXPLOSIVES – DIV 1.4

IGNITOR CORD, TESTING SQUIBS, HIGHWAY FLARES ETC.

HAZARDS

If subjected to heat, impact or friction, Explosives of Division 1.4, including 1.4S (in the same shipment), may burn vigorously with localized detonations and projection of fragments, risks are limited to the immediate vicinity.

The effects of accidentally initiating packaged explosives of Division 1.4S should be confined to the immediate vicinity of the package.

Fire may produce irritating gasses.

GENERAL

Isolate hazard area.

Keep upwind.

Keep unnecessary people away.

EVACUATION

If fire or heat threatens cargo of explosives.

If Division 1.4 consider initial evacuation of 1600 meters in all directions.

CARGO FIRE

For explosives of Division 1.4, fight fire from maximum distance using unmanned hose holder or monitor nozzles.

For explosives of Division 1.4S fight fire with normal precautions from reasonable distance to protect personnel.

Do not move cargo that was exposed to heat except under supervision of a specialist.

FIRE – VEHICLE AND EQUIPMENT

Use dry chemical, sand or flooding quantities of water.

Pay special attention to brake and tire fires as re-ignition may occur.

SPILL

Eliminate all ignition sources.

Do not touch damaged container vessels, packages or spilled material.

Do not clean up or dispose of damaged goods except under supervision of a specialist.

BULK EMULSION

Assess trailer for damage using Reimer personnel. If damage to trailer and product transfer is required:

- alert carrier and request presence at scene
- arrange for spare trailer to be shipped to site to receive transferred material
- alert contractor and request personnel and equipment for cleanup if required
- position tarps under hatches or leaking areas to collect product escaping from trailer
- position diaphragm pump, connect 3” hose to damaged trailer outlet and inlet of pump
- connect 3” hose to outlet of pump and inlet of the spare trailer
- connect compressor air line to diaphragm pump and start transfer
- squeegee all product possible from damaged trailer
- wipe all loose product from damaged area on trailer and collect in buckets
- collect all loose product on tarps and place in buckets
- clean all loose product on ground with plastic shovel-collect all contaminated soil and place in buckets
- ship scrap product to Gibraltar for bagging/boxing and eventual disposal in the borehole (ensure bill of lading accompany shipment)
- ship transferred product either to Gibraltar for topping up or furtherance to original destination

If no damage to trailer:

- assess ability to tow out without damaging unit or spilling product
- assess ability to upright and tow without damaging unit or spilling product

EVACUATION PROCEDURE

If a problem arises in a rural area, such as a logging road, with no population exposures, employees on the scene are to alert the appropriate Home coordinator, or person in charge as well as the customer you are delivering to. If radio contact is used on logging road, alert everyone that the area is being evacuated. State your location and nature of problem, i.e. "Powder truck overturned and burning at mile 28, do not proceed past miles 27 and 29". Any person or persons at the scene must evacuate location of incident. Tell them under no circumstances are they to allow anyone through until notified to do so by either, the Home coordinator or other explosive expert, or EDU, etc. Remember, good use of unauthorized persons is to assist in blocking off access. Stress the importance of the task and send them away to block off the area.

Along public highways or within municipalities, advise the first emergency responders at the scene (police or fire) of the need to evacuate using the guidance in the Emergency Response Assistance Plan located in the vehicle. It is the responsibility of municipal authorities to initiate such action, but it is vitally important they understand the circumstances and take the appropriate evacuation distances. If there is danger of a detonation, employees at the scene should assist local emergency services to the best of their ability to accomplish this. However, if action is immediately required and there are no emergency services on scene, enlist the help of other motorists to prevent access into the hazard area until such time as the fire department or police arrive.

EMERGENCY RESPONSE DATA FOR EXPLOSIVES TRANSPORTED BY

HIGH EXPLOSIVES Class 1.1 and 1.5

These classes cover all the explosives delivered by the company.

1.1D Detonator Sensitive Explosives

(Powerfrac, Geldyne, Magnum, Senatel Magnafrac, Detonating Cord etc).

Packaging - Heavy Cardboard boxes

Hazards

1. Explosion
2. Toxic fumes
3. Possible water contamination

1. Easily the most important concern is the possibility of a major detonation. This could be triggered by heat, impact or lightning.
2. Burning explosives give off toxic fumes. This area should be evacuated before this becomes a problem.
3. Usually water contamination is a minor problem with Class 1.1D

INITIAL ACTION

1. Shut off ignition, and eliminate all sources of fire. Control any spillage of fuel or oil. Have fire extinguishers in hand.
2. Extinguish any small engine, tire, etc., fires only if deemed safe to do so.
3. Keep all unauthorized personnel away from the area. If fire is involved, clear area for a minimum of 1600m. Consult evacuation distance chart. See page 16.
4. Wait for qualified assistance to help in handling explosives (Branch coordinator) for re-packaging purposes.
5. No smoking should be permitted within the restricted area.

Packaging - Bulk, plastic bags polywoven shot bags or heavy cardboard boxes

Hazards

1. Fire and potential explosion
2. Toxic fumes
3. Water pollution

1. Ammonium Nitrate (AN) is an oxidizing agent hence will supply oxygen (O₂) to support combustion of fuels. It can explode violently if overheated in a confined space, particularly if mixed with organic materials such as fuel oils i.e. AN/FO.
2. Will emit toxic fumes (yellow, red or brown) of Nitrogen Oxides (NO_x)
3. Ammonium Nitrate is toxic to aquatic life in concentrations as low as 10-100 parts per million. AN can melt at 170 degrees C and therefore begin to flow.
3. Bulk emulsion matrix is usually shipped hot at a temperature of approximately 70°C.

INITIAL ACTION

1. Keep all unauthorized personnel away from area.
2. Shut off ignition. Eliminate all sources of fire, NO SMOKING.
3. Control all fuel and oil spillage.
4. Extinguish any small engine, tire, etc. fires ONLY IF DEEMED SAFE TO DO SO.
5. If there is a fire and it is deemed safe; extinguish with copious amounts of water. Remember AN is water soluble so strict attention should be paid to run off to avoid contamination of streams. AN is an oxidizer thus it is useless to attempt to smother the fire. Attempts to ventilate – open the powder box or container should be undertaken only if deemed safe in order to avoid an “overheated state in a confined space”, which may lead to detonation. Self-contained breathing apparatus should be used. Bulk emulsion is water resistant but spills should be contained with tarps.
6. If anyone becomes exposed to fumes from the fire (NO_x), they should be laid down in an uncontaminated area, kept warm, and referred to medical attention immediately. The doctor should be alerted that the patient has been exposed to NO_x fumes. Avoid exertion.
7. If the fire is uncontrollable or deemed unsafe to combat, evacuate the area for the distance referred to in the evacuation chart for the quantity of explosives in the transport vehicle. See page number 18.
8. If there is no fire, contain or control any leakage or run-off by digging a pit or corralling with dirt. Contain/collect emulsion with tarps to avoid further soil contamination. Call contractor for assistance with cleanup of bulk emulsion spills. For other materials call trained personnel to assist in clean-up.

1.1B, 1.4B, 1.4S - Electric Detonators, Excels, Handidets, Safety Fuse Assemblies, etc.

Packaging - Cardboard boxes, plastic bags.

Hazards Potential explosion with shrapnel.

1. Although blasting caps are carried in small quantities in separate and confined areas, they are capable of explosion with heat, concussion, abrasion and lightning.
2. When detonated, the danger of flying metal fragments is very likely.

INITIAL ACTION

1. Keep all unauthorized personnel away from area.
2. Shut off engine and eliminate all sources of fire. NO SMOKING.
3. Control all fuel and oil leaks or spillage.
4. Extinguish any fires only if deemed safe to do so.
5. If there is uncontrollable fire, evacuate the area a distance relative to the quantity of this and other types present. Refer to the evacuation chart of page number 16. Call for assistance.
6. Wait for assistance from trained personnel before handling or removing any detonators for repackaging.
7. Wait for approval and assistance to transfer emulsion and clean up spills and site.

EQUIPMENT AVAILABLE TO HANDLE TRANSPORTATION

EMERGENCIES INVOLVING EXPLOSIVES

POWER EQUIPMENT, Transporting personnel and materials at Gibraltar and Tenas

- 1 – 1 Ton Pickup (Tenas)
- 1 – Single Axle Powder Truck – EDT93 (Gibraltar)
- 1 – Single Axle Powder Truck – EDT36 (Gibraltar)
- 1 – Tandem Axle Powder Truck – EDT 07004 (Tenas)
- 1 – Tractor and Van Trailer Unit – VBT94, TK04001(Gibraltar)

Each truck has a fully enclosed and lockable compartment in compliance with Federal and Provincial regulations, and equipped with safety equipment.

FIRE FIGHTING EQUIPMENT

Each truck is equipped with an autotel or cellular phone with no less than 2 A B C fire extinguishers; first aid kit; 1 flashlight and gloves.

MISCELLANEOUS EQUIPMENT:

Each branch will have on hand:

- Assorted extra packaging to repackage all types of explosives consigned and transported by the company, with the applicable label attached.
- Tape to seal or repair boxes
- Extra explosives placards (1.1, 1.1D, 1.5D, 5.1)
- Shipping documents
- Flashlight
- Shovels (Non sparking Material)
- Roll of Milrol plastic for use in protecting explosives from precipitation and containing fuel spills.
- Rubber and leather gloves for handling spilled materials.
- First aid kit.
- PPE – coveralls, boots (rubber and hard toe), safety glasses, reflective vests
- Hard hats

Bulk Emulsion Clean-up Equipment

- Garbage cans/containers
- 3” transfer hose – 2 lengths of 50 ft
- 3” diaphragm pump – air operated (contractor to supply compressor)
- tarps for containment of emulsion spills
- plastic shovels

24 HOUR EMERGENCY LIGHTING AND EQUIPMENT RENTAL

Large scale lighting is available on a 24 hr basis from either of the following:

United Rental 1-800-877-3687

B.C. Rentals 1-604-323-1222

Additional bulk tank trailers can be obtained by calling Reimer Bulk System at 1-800-882-5951 or 403-248-1549

TRAINING AND EXERCISES

Transportation of Dangerous Goods Certificates of Training for handling, offering for transport and transporting explosives are required as company policy for those individuals acting in a supervisory capacity at the scene of emergencies. Others not issued TDG Training Certificates may work under the direct supervision of someone who is certified. Certificates are valid for a period of 3 years.

Training in emergency procedures will take place during the regular quarterly general safety meetings. All new employees will be required to read and sign off the attached record as an indication of having understood the contents of the Emergency Response Plan. On a yearly basis each employee will be required to review the Emergency Response Plan and again sign off. The following topics will be included as agenda items during the safety meeting and the topics will be cycled through on a continuous basis over-time to ensure a state of preparedness always exists.

1. General overview of contents of the plan; who is to do what when an emergency arises; sources of assistance within and outside the company.
2. Desk top exercises to discuss specific scenarios of incidents (hazard analysis) and how the company should handle them.
3. Use of company fire extinguishers and how to fight different types of fires.
4. How to prevent water contamination from fuel oil or AN/FO spills.
5. Identification and handling of impact and fire damaged explosives.

Employees may suggest additional topics to be covered as well.

Scenario 1 - EMPLOYEE HISTORY AND QUALIFICATIONS

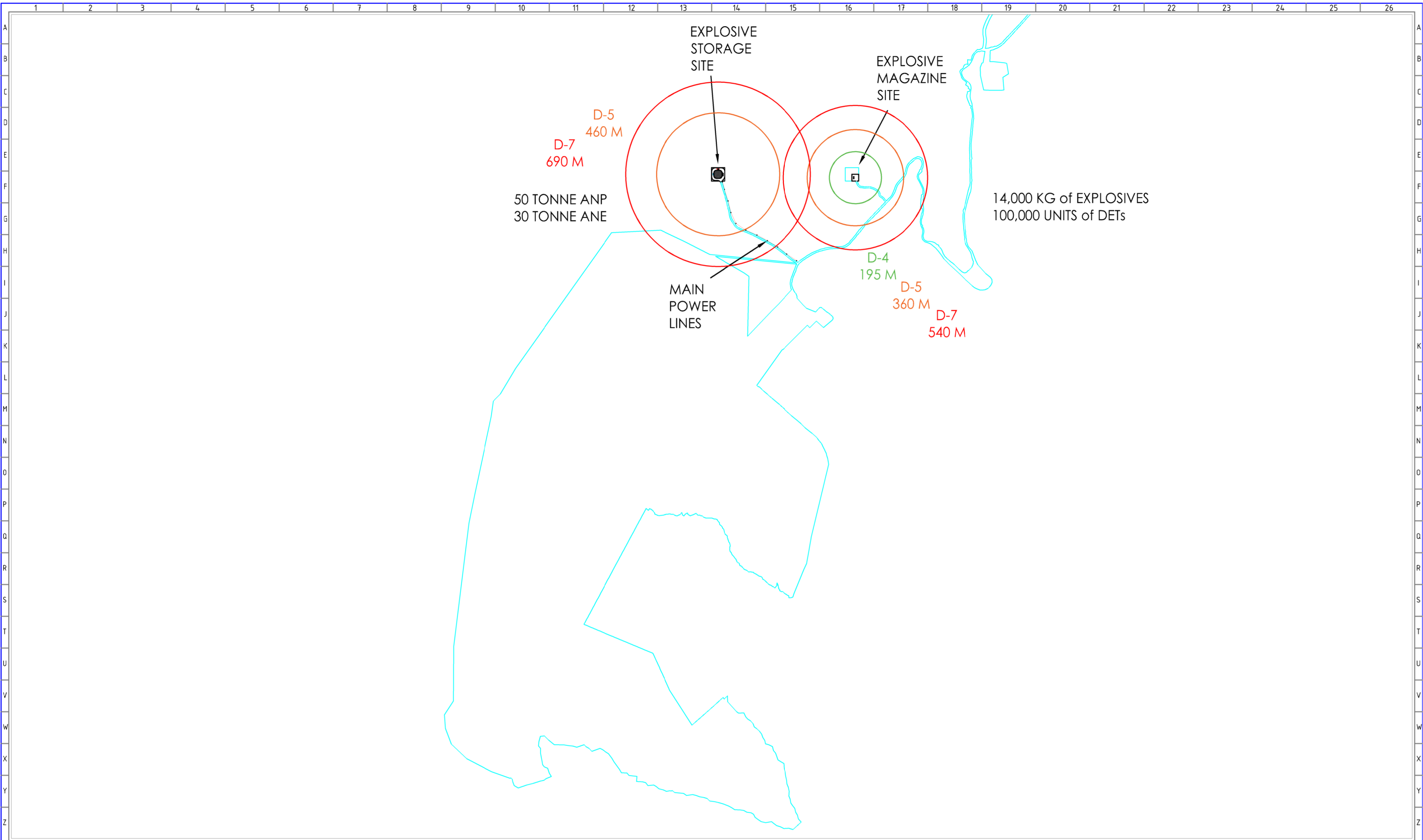
All of the above employees have the following qualifications.

- Internal training in WCOS training packages
- Incident reporting
- Emergency Planning
- TDG training
- Transportation and Emergency Response training

SIGN OFF RECORD

This record will be used as an indication of whom in the company has read the emergency plan and when they last reviewed it. Your signature is an acknowledgment and recognition that you are familiar with the existing emergency procedures and the role of yourself as well as your fellow employees.

[illegible]



DO NOT SCALE 3RD ANGLE PROJECTION	- Drawing Revised		XXXXXX	NOTES:	STATUS ISSUED FOR REVIEW		DRAWN D.AUGUSTINE	DATE 9/29/2020		PLANT TELKWA		ORIGINATING OFFICE WATKINS, COLORADO USA		MASS -	
	-				RELEASED/UNRELEASED UNRELEASED	CHECKED	DATE	TITLE GENERAL DRAWING OVERVIEW							
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DIMENSIONS IN INCHES TOLERANCES: (UNLESS OTHERWISE INDICATED) DECIMAL .XXXX = ± 0.005 DECIMAL .XXX = ± 0.01 DECIMAL .XX = ± 1/32 ANGLE = ± 0.5° BREAK EDGES = 0.15 SURFACES =				REFERENCE DRAWINGS		DRAWING No.									