



Safety / Health Awareness Research Program

Emergency Response to Unplanned Events Forum.

Question 1. What are some of the good things that you/your employer/company are doing to be prepared for an emergency?

Question 2. What are some of the things that you/your employer/company could do better to prepare for an emergency?

Responses to Question 1:grouped by topic

- Mock evacuation drills with different scenarios and equipment
- Do mock first aid scenarios that was a surprise for all the first aiders and workers
- Evacuation drills
- Evacuation drills both external and internal. External everyone goes to the muster station – internal adjacent companys force them to lock everyone in the plant
- Emergency drills – complete surprise
- Mock FA drill
- Annual emergency scenes – first aids
- Fire drill scenarios – block off a section of catwalk and use smoke machines
- Fire drill including a mock First Aid scenario
- Fire drills
- Evacuation drills
- First aid drills
- Emergency evac drills and muster
- Weekly practices/fire/emergency response
- Earthquake drilling to provincial standard
- ERT teams in place – weekly training
- Muster stations
- Own fire brigade – 1st aid drills ad mock accidents and rescues with review
- Changed muster point in response to explosions (were too close)
- Muster station at main office as well as FA
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- Extensive dust control program
- Weekly audit of dust collection at workplace
- Fire Breaks around mills
- Water truck
- Dust collection protocols



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- Emergency action manual – West Fraser Williams Lake
- More education with regards to accidents and disasters
- Fire hose training
- Fire extinguisher training
- Defibrillator training
- Outside sources for training – spill response – fire suppression
- 6 month job reviews include evacuation
- Activity calendar whats done daily/weekly/monthly etc
- First responder – fight/flight decision criteria
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- Sign in for everyone on site
- Sign in/out boards/sheets
- Personal effects with person i.e. keys
- Weekly scheduling sheets at muster stations
- Contractor sign in and out
- Safety chargehand emails out when contractors come on site
- Attendance emails sent to all departments
- Sign in at main office mandatory
- Roll call list for all crews
- Satellite communicator that sends and receives messages
- Attendance posted and emailed offsite
- Onsite internal manpower shift schedule to account individuals on site
- Added sign in procedures at mill
- Keep daily crew lists in same area (supervisors carry a copy as well)
- Plan designating one person in charge, identified by a specific colour hard hat
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- Starting a safety program complete with formal OHS system
- Continuous update of emergency response plan
- Emergency response plan booklet (map/hydrants/etc)
- Emergency plan onsite
- Working on evacuation plan
- Emergency procedures posted openly
- Equipment is interlocked to shut down if dust extraction equipment stops
- Emergency response plans for all possible situations
- Consultant hired to build plans
- All emergency #s posted at all phones and physical address
- Loss prevention strategies put in place
- Add natural gas response to the emergency plan
- Designate safety manager – audits all divisions



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- Maint crew react to fire at first – as soon as fire department on site - back off
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- Extra emergency evacuation pull tabs
- Whistle system – lights and signals
- Fire whistles
- Simplify warning system, horns less confusion
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- Quarterly meetings with FA Attendants
- Orientation for all new FA Attendants
- Quarterly practices for FA
- Designated first responders
- First Aid – upgrading level of 1st Aid
- On site fire crew
- Onsite emergency crew
- First aid gear also at muster
- Satellite FA Stations
- First Aid stations around the site first aiders will grab crash kit and O2 whenever they have to gather at a muster station
- On site ambulance
- Multiple defibrators onsite
- Gas sniffer device onsite
- Emergency response kits in company pick-ups
- Electrician weekly checks
- Emergency kits in vehicles that travel
- Exterior first aid kits (in case interior is compromised)
- Meter check once a year if there's a leak
- Satellite phone for remote operations
- Boxes around site with flashlights, masks (breakable glass)
- Monthly checks of fire extinguishers, lighting, fire protection equipment
- Lots of fire stations
- External fire stations
- Test emergency response equipment
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- Fire department mill familiarity and tour
- Get regional district involved, Fort St James/Vanderhoof mayors, Endako mines (mine rescue), Fraser Lake, Burns Lake.
- Brought the fire department through the mill for familiarity of sites
- Coordination with emergency systems for site lettering to allow them on a large site to go to the right area



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- MISCELLANEOUS
- Berm for flooding
- DATS data base
- Finding out ahead of time what is being hauled by CN on the tracks i.e. hazardous materials etc
- Alternative routes for emergency vehicles if we are locked in by CN
- # for CN if train needs to be broken
- No satellite propane tanks anymore, just the two main
- Kick out window in booths
- Carrying it to home
- Engineering preparedness
- ICE (In Case of Emergency) tabs

Responses to Question 2: responses grouped by topic

- Crisis counselling
- Advance plans for crisis counselling in case of emergency and traumatic events
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- Follow up on “post mortem” action items from evacuation drills
- Trying to think outside of the box of possible accidents.
- Back up plan to the plan
- After action meetings
- Continual audits and analyse system failures
- Incident command - 1st on call, how to respond, communication
- Interaction between companies like we’re doing at this conference
- Confirm site locations. i.e. addresses.
- Update and maintain live documents on computer server – have accessible
- When hazards are identified - table top exercise to plan for serious incident
- Preparedness for terrorist/internal issue
- Management change processes – changing evacuation routes – updating data base and regulate, maintain
- Review emergency response procedures
- Hazard assessment of all potential hazards that could create an emergency
- Have a serious incident leader on site or all shifts, with proper training
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- Simple concise contractor indoctrinations



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- Effective simple training for new hires
- New hires – proper orientation
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- Fire response stations routinely checked for operational ability
- Training to prevent backdraft fires in wood fibre transfer pipes
- Integrate procedures with emergency responders (Fire Dept.)
- Test drive emergency vehicles more often
- Using trained people who work for you to train others e.g. people who are volunteer fire fighters, or emergency rescue people
- More frequent testing of emergency equipment, testing hydrants, extinguishers, hoses, nozzles
- Training on hydrant hoses - how to hook up the hose and turn on
- More training, specific training
- Fire equipment training more frequent
- On site trained resources
- Trained emergency response team onsite, due to restrictive access
- Ensure Emergency equipment is maintained
- Training – bring in outside help
- High angle rescue training
- Train emergency responder teams on site
- More First aid attendants
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- Have a buddy system
- Having a definitive emergency horn system
- More disaster training if your family is in a high risk area
- Mock drills
- More mock emergencies (fire, fa, earthquake, etc)
- Full surprise emergency (medical or disaster)
- More drills or practice
- Mock extractions
- Practice scenarios
- More drills required and mock simulations
- Higher frequency of drill, eacuation and first aid extractions
- More frequent fire drills
- Real first aid training scenarios
- More time allotted for a meeting between first aid attendants
- More drills – on thing that may be an issue – turnover in new people – people moving within the mill so the drills need to more frequent
- Emergency evacuation drill more frequently
- Practice emergency response (First Aid Practice)



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- Mock ups and more practices
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- Awareness and surrounding training for FA to ensure they know locations and the names of everything
- Involve other agencies – involve other mills to pull resources
- Outside emergency plan agreement with community emergency crews/fire/ambulance
- Collaboration with industry within industrial area
- Better communication between businesses (whats on site for material, chemicals, fuel)
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- Phone tree – I.C.E. – flow chart
- Laminate horn system for new employees
- Not focus on mill only – admin office needs evac drills etc
- Communication and education and testing knowledge base
- Gatehouse
- Improve whistle coverage across the site – can it be heard everywhere?
- Improve lighting
- Repeater station between Planer and Sawmill to ensure radio coverage
- Emergency kits for workers not just FA
- Environmental or weather awareness
- Purchase a stair cot chair for transportation through mill
- ELT in vehicles running off highway
- Schematics showing all fire alarms given to new employees
- Preparedness with emergency numbers and contacts
- Full time safety person whose job is strictly safety
- Everyone needs to know their responsibilities
- Site map location of hazardous chemicals – document
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- Secondary FA crash kits at an out building
- Look at alternate muster points – if original muster station is compromised
- Have emergency supplies on site for more remote locations in case of outside emergency and you can't leave the site