

Annual Comprehensive Hazard Assessment

Work Activity	Related Activity	Hazards	Priority Ranking High, Medium, Low.	Controls
Excavator Operation	Trenching/Digging & travelling equipment	Hitting Object or individuals	High	Use spotter when visibility is limited and or reduced. - Auditable back up sensor on equipment. - Safe Work Practice for working around equipment. - Re-Affirm dangers and controls in pre-job tailboard meetings.
		Overhead Power lines	High	Power line Hazard training for employees - Emergency response plan for jobsite accidents with contact numbers. - First Aid training and Kit onsite. - Use of spotter around utility lines. - Permits for Isolation of power lines prior to job commencement. - Job procedures.
		Poor Ground Conditions	Medium	Pre-Job Hazard Assessment. - Situational Awareness of conditions in which operator is excavating. - Trained Operators. - Ensure loads are balanced and not overweight.
		Weather	Medium	Clean of equipment from snow and ice prior to utilizing. - Do not operate when visibility is reduced to the level which are dangerous/hairdos. - Pre-Operation checklist to ensure all lights, beacons etc
Tractor & Trailer Operation	Movement of equipment	Striking object or pedestrians	High	Use of Spotter when moving equipment in tight areas or backing equipment. - Auditable back up beacon or beeper on equipment. - Pre-trip/Hazard assessment prior to vehicle movement. - SWP for Operations of equipment.
		Overhead power lines	High	Power line Hazard training for operators. - Emergency response plan for accidental line contact with numbers. - First Aid - Use of Spotter.
		Load Security	High	Pre-Trip of Truck and Trailer prior to movement.- Pre inspection of all cargo straps and chains prior to vehicle movement. - Routine inspections of and replacement of defective cargo restraint systems, straps and chains.
Boom/Bucket truck operations	Movement of equipment	Striking Objects and or individuals with equipment	High	Use of spotter. - Auditable backup and operating beacons. - SWP for utilizing equipment.

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		Overhead power lines	High	Relative power line training for operator. -Spotter when required.- Emergency response plan and contact numbers.- First Aid. - Tailboard meeting/Pre-Job Hazard Assessment.
		Utilizing bucket or boom	High	Use of fall arrest harness when individual is in bucket. - Required PPE to be utilized. - Complete equipment pre-check prior to using bucket.
Fuel Truck Operation	Movement and or transportation of fuels	Striking objects or people	High	Use spotter when backing vehicle. - Vehicle to be equipped with auditable and visual beacons.- SWP for utilizing equipment.
		Fuel containment and transportation	Medium	Proper training for Driver. - Transportation of Dangerous Goods Certificate. - Pre-Trip for vehicle.
		Fuel Spills	Medium	Containment Kit (Spill Kit onboard) to include extra absorbent pads and absorb all sand. - Drip tray for vehicle. - Splash back guard on nozzle (s). - Emergency plan with contact numbers.
Off-Road Vehicle operations	Travelling over uneven ground in off road conditions	Ejection from driver and or passenger seat(s)	Medium	Restraint system to be utilized if available on equipment. - Spotter to be utilized when in areas of reduce visibility. - Pre-Hazard assessment of route to be followed. - Maintain slow speeds.
		Snow covered or frozen ground	High	Pre-Hazard assessment of route to be followed. - Avoid water bodies if possible if they have to be crossed check to ensure ice covering can withstand weight of equipment. (go around if possible).
		Environmental	High	Permits for fording water bodies if required. - Pre-Hazard assessment of impact on environment. - Pre-trip on vehicle/equipment prior to utilizing. Have spill containment kit available.

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Traffic Control	Worksite approach on public roadways and hi-ways.	Speed of vehicles and movement of employees	High	Setup of signs, cones, etc on public roadway in accordance with NL Traffic Control Manual. - Train employees in traffic control. - Have available, barriers, cones, signs and lights on jobsite. - Workers to wear hi-visibility safety clothing on jobsite.
	Job-Site traffic	Movement of equipment around jobsite	Medium	Use spotter. - Barricades and cones to block off areas and divide. - SWP for use of equipment in jobsite areas.
Dump Truck and or trailer operation	Backing	Hitting Object or people	High	Utilize spotter when backing truck. - Auditable backup beeper and beacon lights.- SWP for use of equipment.
		Overhead Power line hazards	High	Power line hazard trg.- Tailboard/Hazard assessment daily. - Emerge response plan for jobsite. - First Aid. - Use of Spotter required.
		Poor Ground Conditions	Medium	Pre-trip/Hazard assessment of site. - Training of operator. - Ensure loads are balance and not overweight.
Slinging loads	Slinging/lifting of equipment and or freight	Lift straps breaking and or load shifting	Medium - High	Spotter. - Pre-Inspection of straps before a lift is under taken.- Assessment of load to be lifted (Weight/Size). - Training/ experience of Operator conducting the lift.
Explosives	Transportation of explosives	Explosion	Medium	Proper training. - Pre-Assessment of route. - Proper re-check of vehicle and preparation of same. - Placards and safety equipment onboard. Tailboard/Hazard assessment
	Security	Theft	Low - Medium	Proper training. - Approved lockable storage. - Alarm system on vehicle. - Inventory control.

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	Packing & Packaging	Materials reacting with each other to cause explosion	Med - Low	Training. - Separation of materials such as explosives from detonators. -Containment onboard of vehicle. - Pre determined routed
Blasting	Drilling blast holes with Jack Hammer	Fragments hitting eyes	High	Proper PPE to be worn such as safety glasses. Tailboard meeting/Hazard assessment to be done. - Training of employees.
	Setting Charges	Pre-Mature Explosion	Medium	Training. - Limit site access.- Tailboard/Hazard assessment done daily on site. - Prohibit smoking or lighters and electronic devices and or equipment explosive areas.
	Detonation of Explosive charge	Flying debris from blast	Medium	Blast mats are to be used. - Sounding of auditable signal prior to blast. - Stop movements of traffic and persons in local area. - Ensure all equipment and pers at safe distance prior to detonation. - Safe Work Practice for blasting operations.
Garage repair work	Welding	Flash burn & Sparks	Medium	Wear proper eye protection. - Wear proper PPE designed for use when welding. - Remove all combustible materials from welding area or take precautions to cover up. - Have Fire Extinguisher available when welding. - Daily tailboard/Hazard assessment.
		Fumes	Medium	Well Ventilate welding area. - Use of respirator system if required. - Daily tailboard/Hazard assessment.
		Physical burns	Medium	Wear proper PPE to prevent.- Training. - First Aid Kit and training with burn free gel. - Daily tailboard/Hazard assessment.

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	Use of Hand tools for drilling, grinding and cutting	Sparks, dust, heat, projection of metal or wooden particles	Medium	Training of personal. - Wearing of proper PPE. - First Aid training. - Daily tailboard/hazard assessment.
	Housekeeping	Tripping & slips and falls	Medium	Training of personal. - Proper footwear, PPE. -First Aid Training. - Routine daily, or weekly general clean up along with work area clean up. - Post hazard warnings in areas where obstacles can't be eliminated.
Climbing Utility Poles	Ascending and descending pole	Slipping and falling	Medium	Pre-Job Tailboard/Hazard Assessment. -Daily inspection of fall arrest equipment coupled with prejob formal with supervisor and bi-Weekly after that. - Annual Inspection by competent inspector.- Proper fall arrest equipment for linemen. - SWP and policies put in place for climbing utility poles.
Working in adverse weather conditions	Cold, snowy, icy weather	Hypothermia or frost bite	Medium	Wear proper PPE for weather conditions.- First aid training and emergency plan and contact numbers. - In adverse conditions limit exposure time. - Pre tailboard meeting/hazard assessment.
	Hot, warm, humid weather	Heat exhaustion	Low	Wear proper PPE for weather conditions. - First aid training and emergency plan with contact numbers for area. - Follow work to rest ratio during hot workdays. - Drink plenty of fluids but don't over hydrate. - Pre tailboard meeting/Hazard Assessment prior to job starting.

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Lifting	loading and unloading trucks	Tearing or straining muscles, in back	High	Tailboard Meeting reference proper ways to lift. - Distribute pamphlets on proper lifting techniques.
Electrical Installations	Working with & around power lines	Electrocution	High	Tailboards - Hazard Assessments - Safe Work Methods - Safe Work Policies - Safe Work procedures - PPE for hot line work - DTools for Hotline Work -Ensure lines of communications are effective - Training - Supervision - Permits - PreWork Safety / Tailboard Meeting
Ladders	Use of ladders on or at worksites	Falling	Low	Tailboard Hazard assessment - Right ladder for job - Industrial strength ladders only to be used -

_____ Date