

Job Hazard Analysis		
Position: Truck Driver		NOTE: If you do not have Safe Work Procedures that identify potential hazards, ensure you identify and address all potential hazards and preventive measures. (A list of Sample Safe Work Procedures is available by contacting NSTSA www.nstsa.ca)
Company:		
Analysis by:		
Location:		
Date:		
Job Task/Steps	Potential Accidents or Hazards	Preventive Measures
Driving trucks w gross vehicle weight of 4500 KG or more	Traffic accidents on roadways; adverse weather conditions; head on collisions; overturning vehicle trapping driver inside cabin or under truck; pedestrian traffic and other traffic on roads causing secondary accidents. Improper rest and dietary habits contributing to driving habits, driving long hours without breaks, hypnotic effects during periods of drowsiness caused by fatigue. Inhalation of gasoline or diesel fumes and other exhaust fumes producing carbon monoxide, hydrocarbons and other toxic substances. Exposure to prolonged noise of higher amplitude than 85 decibels.	Training and adherence to "Hours of Service" and conducting pre-trip inspections. Completing necessary paperwork (log books) and sending it to the company for evaluation. Auditing of "Driver Files" to ensure all paperwork is current. Successful completion of a Driver Evaluation Program prior to employment. Knowledge and conforming to the Commercial Vehicle regulation. Wearing PPE such as gloves, CSA approved footwear, safety glasses, reflective vests, hard hat, hearing protection and respiratory protection when required and wear seatbelt at all times. Ensure proper rest, compliance with "hours of service", smoking cessation programs and wellness programs. WHMIS trained, proper preventive maintenance system (pre and post inspections). Ensure 3 points of contact when entering and exiting vehicle.
Entering / Exiting the Vehicle	Injuries to head, back, arms, hands, feet & shoulders due to slips / trips or falls.	Wear proper footwear and clothing. Use 3 Points of Contact when entering or exiting the vehicle. Keep vehicle steps clean.
Pre Trip or Post Trip Vehicle Inspections	Traffic, slips, trips and falls causing injury; dust particles, adverse weather conditions such as extreme heat or cold causing hypothermia or hyperthermia, frostbite or fatigue.	Training in proper inspection procedures. Wearing PPE including proper footwear and clothing for weather conditions.
Loading and Unloading of trailers	Improper placement of freight in trailer or warehouse. Overloading of jack and rupture of hydraulic hose. Damage to freight or toppling potentially causing personal injury. Possible injury to back, arms, legs, feet from pushing / pulling. Slips, trips and falls from slippery surfaces and from not maintaining 3 points of contact when entering and exiting vehicle. Muscle strain or over exertion as a result of manual lifting. Hydraulic jacks may slip causing crushing injuries.	Stack freight properly in trailer or warehouse to ensure safe access. Wear PPE such as safety glasses, gloves, reflective vest, CSA approved safety boots. Have training in the use of hydraulic jacks; injury prevention with manual lifting techniques ensuring you do not exceed your personal lifting capability. The NSTSA has a "Proper Lifting Techniques Program", consult the NSTSA to find out more about this program.
Opening & Closing Trailer Doors	Improper technique causing injury to various body parts. Possible crushing injuries from unsecured load against the doors.	Use PPE such as gloves & proper footwear. Be aware of weather & road conditions. (Refer to NSTSA's safe work procedure for Opening Trailer).
Emergency Roadside Repairs	Injuries to back, hands, feet and face. Other moving traffic hazards with the potential to cause bodily harm or death. Exposure to hazardous materials. Exposure to fire and flying debris.	Refer to MSDS for Safe handling procedures for chemicals. Use PPE such as chemical resistant gloves and clothing, CSA approved footwear, glasses / goggles, high visibility vests, cones and use fire shields / extinguishers when required. (see NSTSA's Safe Work Procedures for "Changing Tires" and procedure for "Wheels")

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Coupling & Uncoupling Tractors / Trailers & Raising and lowering of landing gear	Slips, trips, eye injuries, pinched fingers, back injuries, injuries caused by improper coupling and crushing injuries causing death.	Maintain 3 points of contact when entering and exiting vehicle; use PPE such as gloves, CSA approved footwear, safety glasses, high visibility vests, hard hat. Ensure the brakes are engaged until the process is complete. Use proper procedures for raising and lowering of landing gear.
Transporting Dangerous Goods	Exposure to hazardous substances causing burns, inhalation injury, decrease level of consciousness, death, toxic exposure injuries and explosions.	Training in TDG every 3 years. Proper placarding for the trailer. Ensuring all paperwork is complete. Extra caution when loading/unloading will reduce likelihood of exposure to chemicals.
Working in extreme temperatures - Hot / Cold	Possible hypothermia and hyperthermia, dehydration, fatigue, loss of judgment and sunburn.	Appropriate clothing should be worn for cold and hot temperatures. Ensure rest breaks (i.e every 4 hours).
Working Alone	Not receiving medical attention if required; physical violence from intruder/customer or strangers.	Use First Aid Kit in the truck for medical problems. Ensure regular contact with dispatcher on a regular basis by using phone or satellite. Training on health and safety and "working alone" safe work procedures and company policy. (Refer to NSTSA's safe work procedure for "Working Alone".)
Refueling - Portable Containers	Fire, explosion, spillage of toxic substances, slips and falls, inhalation of toxic substances	Use PPE such as safety glasses, CSA approved footwear & containers, gloves, fire extinguisher & reflective vest. Have the MSDS sheet available. Ensure there is adequate ventilation.
Snow & Ice Removal	Slips, trips, falls and falls from height and physical exertion.	Valid fall restraint and PPE. CSA approved footwear, hard hat, maintain 3 point contact. If there is no fall protection, develop a "safe work procedure" with the Occupational Health and Safety Committee and ensure training is provided for this procedure.
Tarping and Strapping	Shifting of the load, slips, trips, falling from height and physical exertion.	Position tarp with boom truck, follow load securement legislation (www.fmcsa.dot.gov .) and follow proper procedures.

Approved By: _____ Date: _____

NOTE: This JSA is reviewed yearly