



Health & Safety Policy for DEMO International® 2024

(June 28, 2024)

Introduction

On September 19-21, 2024, DEMO International® 2024 will be hosted by Le Spécialiste du bardeau de cèdre inc. / SBC CEDAR (SBC) and held on lands owned and operated by 9353-6522 Québec Inc. The Canadian Woodlands Forum, in collaboration with the show contractor Master Promotions Ltd., 9353-6522 Québec inc. and the show host Le Spécialiste du bardeau de cèdre inc. / SBC CEDAR (SBC) are all working together to ensure, first and foremost, a safe and healthy show environment, for both exhibitors and visitors alike.

Health and Safety in Quebec is governed by the Act Respecting Occupational Health and Safety and related regulations respecting forestry operations (refer to Exhibitor Safety Requirements section for links). The following information provides the general and more specific guidelines/obligations that will be required by exhibitors before, during and post show i.e. move-out. This guide also includes the necessary policies, communication efforts, and best practices to ensure a safe and healthy show for the thousands of individuals that will visit the show site over the three days.

Policy Guidelines

The DEMO International® 2024 show is considered as a “work site” during the periods of the show ‘move-in’ and ‘move-out’ periods. All principal regulations will apply only if exhibitors and visitors are exposed to any given hazards. During show hours, the principal regulations with respect to personal protective equipment will not apply to visitors or exhibitors unless they are exposed to any given hazard i.e. cross an established safety zone (refer to Exhibitor Safety Requirements). Thus, hardhats, safety glasses or boots will not be issued to visitors on-site.

In addition to achieving the stated goals of DEMO International® and ensuring a “world class event”, the management team is committed to:

- Ensuring that the installations/exhibits are safe, and that machinery is used while minimizing risk;
- Informing exhibitors of the principal regulations and the laws that govern health and safety in the workplace in Quebec;

- Providing safety awareness and communication to show visitors;
- Providing technical support where required;
- Ensuring that the work of operators, machines, and the operation is safe before, during and after the show

Visitor Safety Awareness/Orientation

Each visitor to the DEMO show site will be provided general safety guidelines while on site. This will include:

- Safety flyer – handout at registration with appropriate safety orientation, what to expect on site, designated safety zones, what to do in the event of an emergency, location of designated sites i.e. safety/show personnel, first-aid etc.
- Show guide – there will be a show pocket-guide handed out at registration which will also include safety protocols for visitors.
- On-site signage.

DEMO International® ‘Chain-of-Command’

The DEMO International® 2024 site is considered a ‘workplace’ as outlined above with the Canadian Woodlands Forum serving as the designated Demo Safety Supervisor (DSS). The Demo Safety Supervisor will be responsible for ensuring that workplace hazards are identified, evaluated and controlled. This will be coordinated and accomplished through a team of on-site Demo Safety Marshals’ (DSM) who report to the DSS and who will be responsible for a predetermined list of active exhibitor sites.

Each active exhibitor must appoint a site supervisor (ESS). The site supervisor will be responsible for all activities including safety related aspects on their respective site. They will coordinate activities such as harvesting, loading, chipping/grinding, hauling, safety, and respect all regulations and guidelines outlined in the safety policy.

Exhibitor Safety Requirements

1. Role of exhibitors and workers in accident prevention

- i. Each active and static (any moving equipment) exhibitor must appoint a site supervisor (ESS). The site supervisor will be responsible for all activities including safety related aspects on their respective site. They will coordinate activities such as harvesting, loading, chipping/grinding, hauling, safety and respect all regulations and guidelines outlined in the safety policy. They will be required to complete a sign-off sheet regarding the review of the safety regulations and participation in the safety orientation session preceding the show as well as conduct and document a daily hazard assessment and ‘tail-gate’ planning session.
- ii. On-site Safety Prescriptions – this manual contains categorical safety criteria, in addition to any safety measures specific to a given active site (following a hazard assessment prior to start up).

On-site Operational Plan & Safety Prescriptions - Each ESS will be responsible to develop an operational plan specific to their site and equipment mix; this will include a safety plan which will identify workplace activities or conditions where there is a

known risk to workers, or where it is reasonable to expect risk. They must be documented and reviewed with the DSM representatives. The ESS is responsible to review categorical safety criteria with all on-site staff, in addition to any safety measures specific to a given active site (following a hazard assessment prior to start up) and specify the measures put in place to eliminate or control each risk.

Harvesting will be conducted as per the written falling plan developed for each active falling site and signed off by the DSM. This document will be continually assessed as the show progresses.

- iii. Alcoholic Beverages – under no circumstances will exhibitors be permitted to serve or distribute alcoholic beverages on the DEMO International® 2024 site during show hours. Any exhibitor breaking this rule will be shut down immediately.
- iv. Safety Zones – every active and static (any moving equipment) site must isolate its operations from visitors by establishing a “safety zone” and marking it with flagging tape or fencing. Exhibitors should consult with show management to be sure that the safety zones that they establish are suitable distance from operations to eliminate risk to visitors or follow their own manufacturers’ safety zone if it is greater than recommended by show management. Any person (exhibitor or visitor) who crosses the “safety zone” (either during a demonstration or ‘quiet’ period) will require a minimum of a hard hat and granted permission by the equipment operator and/or the ESS. It will be the responsibility of the exhibitor to ensure that individuals are supplied with hardhats while in the “safety zone”.
- v. They must observe the rules and safety instructions associated with forestry operations (according to Quebec law), to ensure their own safety and that of colleagues and visitors. If there is a doubt or uncertainty, you must consult the Demo Safety Supervisor.
<https://www.legisquebec.gouv.qc.ca/fr/document/rc/S-2.1,%20r.%2012.1/>
- vi. If there is a doubt or uncertainty, you must consult the designated DEMO International Safety Supervisor (DSS) on the site.
- vii. Without delay, inform someone in charge of any conditions, dangerous maneuvers, or defective equipment.
- viii. Immediately report all accidents on the site to the DEMO Safety Supervisor (DSM).
- ix. Entertainment and races are prohibited unless authorized by DEMO International® Show Management.
- x. Each exhibitor must be in good standing (valid clearance letter) with WCB.
- xi. Activities and operations must be carried out within normal machinery limits.
- xii. Use equipment appropriate to its purpose and ensure that it is in good condition.
- xiii. Be in good personal, physical and psychological condition.
- xiv. Do not be under the influence of alcohol or any illegal drug or legal drug that could affect performance.

2. Principle Regulations

2.1 Personal Protective Equipment (PPE)

- i. Wearing a hard hat is obligatory for all persons working on the site;
- ii. Wearing safety glasses is obligatory in risk areas;
- iii. Chain saw operators must wear all the required safety equipment; the saw must meet all standards; and all procedures associated with forestry operations regulations must be followed;
- iv. Wearing hearing protectors is obligatory if the noise level is over 85 dB;
- v. Wearing safety footwear is obligatory, with steel toes and antiskid soles;
- vi. Where there is a risk of injury to hands, wearing gloves is obligatory;
- vii. Wearing an approved respirator is obligatory if workers are exposed to gases, vapors, smoke, dust or others.

2.2 Safety Equipment on Machinery

- i. Guards, protective screens or other safety equipment on machinery must be installed and in good condition.
- ii. Machines with hydraulic mechanisms must have safety devices to block all jaws, knives or other equipment in fixed position for maintenance, cleaning or repair. Padlocking and energy control mandatory when in the machine danger zones and when there is no one at the controls of the machine. Also when the machine is not working the key from the ignition must be removed and padlock must be placed on the master switch, if the machine is equipped with one.
- iii. ABC fire extinguishers, depending on standards.

Type of equipment Capacity (kg)

Vehicle less than 1 tonne	2
ATV	2
Forwarder	2
Tractor, grader, loader.....	10
Grapple loader, dump truck, slasher	10
Feller, shortwood harvester, processor	2 X 9
Repair truck.....	2 X 10

- iv. Floors must be antiskid.
- v. All machinery must be operated with the door closed and wearing a seat belt is obligatory.
- vi. All vehicles and machinery must be equipped with a first aid kit. Each active and static (with moving equipment) site must be equipped with a suitable size spill kit based on the number of machines onsite.
- vii. When a machine is defective or being repaired, “Do Not Operate” instructions must be posted.

- viii. Securing equipment and merchandise on a semi-trailer must meet applicable standards.

2.3 Equipment Operation

- i. All operating machinery may not have passengers, and the door must be closed.
- ii. All operating machinery must have radio contact with an individual designated by the exhibitor to coordinate the demonstration.
- iii. All objects in the cab must be solidly attached to prevent the operator from being hit in the event the machine overturns.
- iv. Safety Zones – every active and static (any moving equipment) site must isolate its operations from visitors by establishing a “safety zone” and marking it with flagging tape or fencing. Exhibitors should consult with show management to be sure that the safety zones that they establish are suitable distance from operations to eliminate risk to visitors or follow their own manufacturers’ safety zone if it is greater than recommended by show management. Any person (exhibitor or visitor) who crosses the “safety zone” (either during a demonstration or ‘quiet’ period) will require a minimum of a hard hat and granted permission by the equipment operator and/or the ESS. It will be the responsibility of the exhibitor to ensure that individuals are supplied with hardhats while in the “safety zone”.
- v. If people are observed near operating machinery, stop all movement of the machine and wait until they are out of danger before restarting the machine.
- vi. Never move a load above a person.

3. Accident Procedures

- i. Employee: must report to the Site Supervisor (ESS) who in turn will report to the Safety Supervisor on site (DSM).
- ii. Safety Supervisor (DSM): provide first aid to the accident victim when required, and report the accident to EHS on site, and notify the show manager so that it can be recorded in the daily work accident logbook. If necessary, set in motion the emergency evacuation procedure.
- iii. Procedural guide for serious injuries:
 - a. Evaluate the situation - Evaluate if there are risks to the first aid worker, the victim and passersby.
 - b. Examine the injured person
 - State of consciousness
 - No respiration
 - No pulse
 - Profuse bleeding
 - State of shock
 - c. Call emergency services - The first aid worker remains with the injured person and designates a nearby onlooker to call the emergency services. If they are

alone, they ensure that the situation is stabilized before going to call or look for help. They must communicate their location to the Safety Supervisor (DSS).

d. Calmly wait for the ambulance

Once first aid has been given:

- Continue to closely watch the victim’s respiration, pulse and state of consciousness;
- Settle the person comfortably while taking his condition into account;

4. Emergency evacuation procedure

Emergency Response

- 1. Accident/Injury**
- 2. Notify the Demo Safety Supervisor (DSS)**
- 3. Call in to the on-site EHS by radio and initiate first aid**
- 4. EHS ambulance staff to give first aid and transport to a hospital either by ground or air**

The following Emergency Contact Information (numbers and coordinates TBC) will be provided to all exhibitors, suppliers management and operations staff as part of the Emergency Response Plan.

Regional Ambulance		Phone Numbers	
Air Medic	UTM	Northerly Easterly	
Phone Number			
Fire			
EHS On-Site	Radio Frequency -		

5. Traffic circulation on roads

- i. Wearing a seat belt is mandatory;
- ii. Speed limits must be respected. When approaching machines in operation, slow down and exercise heightened caution;
- iii. Headlights must be turned on;
- iv. One-way road directions must be respected;
- v. For communications, most vehicles are equipped with CB radios. They are very useful to announce one’s location on a road or to avert dangerous situations. Do not hesitate to use them. Remember that CB radios are able to transmit only for short distances, and they do not guarantee your safety. Preventive driving remains the best way to travel safely.

6. Procedures for Approaching Machinery

Directions to Visitors & Exhibitor Staff

- i. When machines are operating, always remain outside the safe buffer zone that is identified with marking tape. Safety Zones – every active and static (any moving equipment) site must isolate its operations from visitors by establishing a “safety zone” and marking it with flagging tape or fencing. Exhibitors should consult with show management to be sure that the safety zones that they establish are suitable distance from operations to eliminate risk to visitors or follow their own manufacturers’ safety zone if it is greater than recommended by show management. Any person (exhibitor or visitor) who crosses the “safety zone” (either during a demonstration or ‘quiet’ period) will require a minimum of a hard hat and granted permission by the equipment operator and/or the ESS. It will be the responsibility of the exhibitor to ensure that individuals are supplied with hardhats while in the “safety zone”.
- ii. To approach a machine, announce your presence to the Site Supervisor (ESS) and wait for a signal from the machine operator. Follow the marked access path.
- iii. Wait for the machine to completely stop, that is:
 - a. Mast set-down in stable position;
 - b. End of operations
 - c. Complete stopping of machine
 - d. Device lockup (when accessing a machine danger zone)

Directions to Operators

- i. Access to dangerous areas: place the machine in a stable position – stopping the controls – complete stopping of the machine – lockout the machine whenever a person is exposed to a dangerous area.
- ii. While operating, keep door closed; wearing of seat belt is obligatory.
- iii. Climb on and off machines using three bearing points.
- iv. Radio warning is obligatory when a machine enters the safety zone of another machine.
- v. Maintain a safe distance between machines; communicate your presence by radio.
- vi. If possible, only one machine should operate in a given demonstration sector.
- vii. For the protection of visitors, establish a safety buffer zone with ribbon around an operating machine, for example, 45 m for a feller-buncher.
- viii. While operating, the operator does not allow any visitors within the machine’s safety zone.
- ix. While operating, no passenger is allowed in the cab.
- x. While operating, utilize best operating practices to minimize the risk to visitors regarding potential projectiles i.e. chain shot, wood chips.

- xi. For mechanical repairs and maintenance, use the OEM guide for forest repairs and for locking out the machine.
- xii. Playing games is prohibited on the exhibition site.
- xiii. Consumption of alcohol and illegal drugs is prohibited on the site.
- xiv. Lockout the machine whenever a person places themselves at risk by entering a dangerous zone.

7. Vehicle Traffic on the Exhibition Site

- i. No circulation of exhibitors in motorized vehicles on the site between 8:00 am and 5:30 pm
- ii. Maximum speed of 10 km/h on the show loop
- iii. Maximum speed of 50 km/h on the Burrough, Wiggins & Jingtletown Road
- iv. Wearing seat belt is mandatory
- v. No passengers are allowed in truck or other vehicle boxes
- vi. Pedestrians have priority