

<b>CANADIAN BIRKEBEINER SOCIETY</b>	<b>SAFETY PROGRAM Formal Hazard Assessment</b>	<b>FHA-Form- 024</b>	<b>PAGE 1 of 3</b>
Used for commonly performed tasks and linked to approved SPIPs			PRINT DATE: October 30, 2020

### CBS Formal Hazard Assessment

<b>Identified Task or Activity:</b> Chainsaw use in CLBPA	<b>FHA#024</b>	<b>HR (Hazard Ranking):</b> <b>Severity: 1.</b> Catastrophic Danger; <b>2.</b> Serious; <b>3.</b> Minor <b>4.</b> Not Applicable <b>Probability: A.</b> Probable <b>B.</b> Reasonably Probable <b>C.</b> Remote <b>D.</b> Extremely Remote <b>Severity (S) + Probability (P) = Hazard Ranking (HR)</b> <b>If 1A = WORK DOES NOT PROCEED</b>	Focus on the 1) PEOPLE, 2) ENVIRONMENT, 3) MATERIALS, 4) EQUIPMENT/TOOLS
<b>CBS Workers Involved:</b> George Foxcroft Randy Stebner Murray Heap Dan Leskiw  <b>Approved by: SEM Committee</b>			
<b>Tools/Equipment Required:</b> Operational chainsaw, splitting wedges and an axe or hammer		<b>Materials Required:</b> Fuel, chain oil, and saw maintenance tools	<b>Date approved: Oct 30, 2020</b>

#	Sequence of Steps	Potential Incidents or Hazards	HR	Controls in Place			RHR	Control Description
				Engineering	Administrative	PPE		
								Notes
1	Obtain certification and gain experience in chainsaw use under supervision	Lack of training and experience	1B		SPIP006 Access to the Chainsaw Certification Course Manual		2C	<i>Only volunteers with current and AEP-approved certification can use chainsaws in CLBPA Proven experience under supervision is also needed Only deadfall is to be cleared unless working under direct AEP supervision</i>
2	Inspect chainsaws and transport to work site safely.	Tool deficiencies leading to personal injury	1B	Serviced chainsaws available	SPIP006		2C	Tool maintenance and inspection Sharp chains mounted Load and carry tools safely; Use guards on saw chains
		Injuries at work site	2A		SPIP006	First aid kits	2D	First aid kits must be carried and available in the vehicles present at the work site
3		Spilt gas and combustion	2B	Use approved fuel containers	SPIP006	Gloves	2C	Only use approved containers Stow securely during transport

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	Carry adequate gas and chain-oil supplies in secure containers	Oil contamination	2D	Store and use safely	SPIP006		3D	
4	Fuel, oil and adjust saws as needed	Fuel spillage and ignition	1B		SPIP006		2D	Refuel away from work site and location where saw is started
		Chain-oil spillage	3A		SPIP006			Avoid spillages
		Blunt chains	2B	Carry sharp chains or sharpening tools	SPIP006		2C	Use sharp chains when working
5	Survey work site for hazards	Tripping hazards	2B		SPIP006	Sturdy boots	2C	Use boots with good grips Clear site of potential hazards
6	Lifting and pulling heavy objects	Strains and bruising	2C		SPIP006		2D	Use proper lifting techniques Cut timber into manageable sections Check stability of trees being cut
		Trapping of feet	2C		SPIP006	Work boots	2D	Wear protective footwear and gloves
7	Starting and operating gas-powered chainsaws	Fuel ignition	1B		SPIP006		1D	Start saw away from re-fueling site Let exhaust cool before re-fueling
		Moving chain	1B		SPIP006	PPE	2C	Engage chain brake when starting
		Flying material	2B		SPIP006	PPE	2C	and moving around the site
		Noise	2C		SPIP006	PPE		Wear required PPE
8	Bucking and logging deadfall trees	Moving tree sections	2C		SPIP006		2D	Ensure cut tree sections will be under control when separated
		Danger to co-workers	2C		SPIP006		2D	Ensure co-workers are clear of the area when the saw is in operation:
		Lack of awareness of co-workers	2C		SPIP006	PPE	2D	Use whistles for alerting saw operators about possible hazards
<b>Annual Reviewers: SEM Committee</b>				<b>Date: 10/30/20</b>				

## HAZARD RANKING:

## PROBABILITY

SEVERITY	A. Probable	B. Reasonably Probable	C. Remote	D. Extremely Remote
1. Catastrophic Danger	work isn't done			
2. Serious				

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3. Minor				
4. Negligible / OK				

	Immediate corrective action required
	Corrective action required urgently
	Corrective action required at next review
	No corrective action required

**Note 1: Administrative controls** sections should be used to list the need for creation of *Safe Practice Implementation Protocols* (SPIPs). When draft SPIPs have been approved by the CBS Safety & Engagement Committee, the number of the approved SPIP should be included in the FHA information. *SPIPs should initially be developed for any tasks with an initial Hazard Rating that falls in the red and orange zones of the chart above.*

**Note 2: Hazard Ratings.** The first hazard rating (HR) included should reflect the risk rating before control measures are implemented. A Revised Hazard Rating (RHR) should then be presented to the right of the “Controls in place” columns that estimates the reduced level of risk after suggested control measures have been applied.

**Note 3: After applying control measures, tasks should not be undertaken if the Revised Hazard Rating still falls within the red zone in the chart above. Tasks with ratings that still fall within the orange zone need ongoing review.**