

CANADIAN BIRKEBEINER SOCIETY	SAFETY PROGRAM Formal Hazard Assessment	FHA-Form- 025	PAGE 1 of 3
Used for commonly performed tasks and linked to approved SPIPs			PRINT DATE: October 30, 2020

CBS Formal Hazard Assessment

Identified Task or Activity: Using powered brush cutters in CLBPRA		FHA#025		HR (Hazard Ranking): Severity: 1. Catastrophic Danger; 2. Serious; 3. Minor 4. Not Applicable Probability: A. Probable B. Reasonably Probable C. Remote D. Extremely Remote Severity (S) + Probability (P) = Hazard Ranking (HR) If 1A = WORK DOES NOT PROCEED			Focus on the 1) PEOPLE, 2) ENVIRONMENT, 3) MATERIALS, 4) EQUIPMENT/TOOLS	
CBS Workers Involved: George Foxcroft Murray Heap Peter Kershaw Approved by: SEM Committee								
Tools/Equipment Required: Husqvarna Brush cutter				Materials Required: Fuel, adjustment tools, whistles, first aid kits			Date approved: Oct 30, 2020	
#	Sequence of Steps	Potential Incidents or Hazards	HR	Controls in Place			RHR	Control Description
				Engineering	Administrative	PPE		Notes
1	Gain experience in brush cutter use under supervision to become a CBS registered user	Lack of training and experience	1B		SPIP007		2C	Only registered volunteers with recorded training and experience can use powered brush cutters without direct supervision. User should be familiar with all the material in the Operator Manual.
2	Inspect cutter for full functionality and transport to work site safely.	Tool deficiencies leading to personal injury	1B	Serviced brush cutter available	SPIP007		2C	Tool maintenance and inspection Sharp cutter blade mounted Load and carry tools safely; Use guard on cutter blade
3	Carry adequate gas in secure containers	Spilt gas and combustion	2B	Use approved fuel containers	SPIP007	Gloves	2C	Only use approved containers Stow securely during transport
4	Fuel, oil and adjust saws as needed	Fuel spillage and ignition	1B		SPIP007		2D	Refuel away from work site and location where saw is started
		Blunt blade	2B	Sharpening tools	SPIP007		2C	Ensure blades is kept sharp

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5	Survey work site for hazards	Tripping hazards	2B		SPIP007	Sturdy boots	2C	Use boots with good grips Clear site of potential hazards Do not operate if dense weeds and grass are present
		Hidden obstacles	2B				2C	
		Blocked cutter blade	3A				3C	
7	Starting and operating gas-powered brush cutter	Fuel ignition	1B		SPIP007		1D	Start cutter away from re-fueling site Let exhaust cool before re-fueling Stop engine when moving around the site but not cutting Wear required PPE: Use purpose-designed balance harness First aid kits must be available at work sites where power tools are in operation
		Moving blade	1B				2C	
		Flying material	2B				2C	
		Noise	2C				2D	
		Balance, stability and fatigue	2B				2D	
		Injuries on site	2C				2D	
8	Cutting brush and small trees	Falling trees and brush	2B		SPIP007 Operators' Manual instructions		2C	Ensure cut trees and brush fall safely and do not jam the cutter Use the safe part of the blade when cutting to avoid "blade thrust" Only unjam blade after motor has stopped and blade is still and cool Ensure co-workers are 15 M clear of the area when the cutter is in use and have whistles for alerting operators to potential hazards
		Dangers of "blade thrust"	1B				2C	
		Jammed cutting blade	1B				1D	
		Danger to co-workers	2B				2C	
Annual Reviewers: SEM Committee			Date: 10/30/2020					

HAZARD RANKING:

PROBABILITY

SEVERITY	A. Probable	B. Reasonably Probable	C. Remote	D. Extremely Remote
1. Catastrophic Danger	work isn't done			
2. Serious				
3. Minor				
4. Negligible / OK				

 Immediate corrective action required

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	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.