

**C.I.L.A.**

**CORE EVENT RULES**

**SAFETY EQUIPMENT REQUIRED FOR COMPETITORS  
BY COLOUR CODE:**

**Red Events**

**Chain Saw**

Full Assembly required: Hearing protection, eye protection, ballistic nylon safety pants or chaps, and steel toe work boots.

**Amber Events**

**Underhand chop / Standing Block / Quarter Split**

Long pants must be worn and athletes must be protected by steel from their toes to and including their shins.

**Blue Events**

**Swede Saw / Super Swede Saw**

Long pants and gloves. Leather work glove on hand holding swede saw handle.

**Water Boil**

Long pants and a **leather** glove on the block holding hand.

**Green Events**

**Log Decking / Pole Climb / Axe Throw / Pulp Throwing / Crosscut / Single Buck**

Competitors must wear long pants.

## Crosscut Saw

### Core Team Event / Safety Code Green

1. Three (3) pairs of competitors must complete two (2) discs each from the cant for the crosscut event.
2. Two (2) halves leaving the cant does not constitute a complete disc. A disk would be considered "complete" if a sheer cut is less than **1 centimeter (0.4 inches)**. Sheer cuts greater than **1 centimeter (0.4 inches)** will receive a 1 second penalty for each infraction.
3. At the judges signal, the competitor(s) must re-cut immediately if a complete disc is not cut. The re-cut must be made by the pair that broke the disk or else the team will be disqualified.
4. Time will stop when the last disc is cut from the cant.
5. Chain binders, straps or team mates weight on the log may assist with the securing of the log.
6. Teams must make all their cuts within 50 cms (20 inches). An allowance for knots may be made at the discretion of the judge.
7. Only a competing team member may spray the saw with any type of foreign substance during the event (i.e.: WD-40)
8. For safety reasons, a 7th person may hold a spare saw in the event of breakage. The saw may not be handed to the competitors.
9. A broken or bent saw tooth, a broken or loosened saw handle is considered to be equipment breakage.
10. If wood is squared, it may not exceed 25.4 cms x 25.4 cms (10 x 10 inches). If wood is round, a determined effort must be made by the host school to ensure uniformity.
11. All wood must be bark free.
12. Saw horse height must be 64 centimeters to the bottom of the cant plus or minus 5 cms (25 inches, plus or minus 2 inches).
13. Competitors are not permitted to touch the cookies until the judges have made their decision.
14. **Setup**  
The corral must be determined by the head judge to be a safe distance from the spectators.  
Only competing athletes are permitted in the corral.  
Logs must be securely fastened.  
Any body weight on the stanchion must be within the stanchion frame

## Log Decking

### Core Team Event / Safety Code Green

1. Each participant shall use a peavey or cant hook to roll the log.
2. The course will be 10 metres (33 feet) long and shall terminate at the end by a pair of stakes.
3. Prior to the starting signal, the log shall be resting in depressions at the top of a flat deck, 1.25 metres (4 feet) high. The ramp must be 3.05 meters (10 feet) long.
4. At the starting signal, the first 2 team members will navigate the log with their peavies/cant hooks down a ramp and along 2 skids to the far end of the designated course. Both ends of the log must hit the stakes at the end of the skids (not necessarily simultaneously). The competitors will then return the log along the skids, up the ramp and stop the log in the depressions at the top of the deck.
5. At the signal of the judge the second pair of team members will complete this same procedure. The third pair of team members will follow the second pair.
6. Time will stop when the third pair of competitors has stopped the log in the depressions at the top of the deck.
7. The log may be crosshailed no more than 1 metre (3 feet 4 inches) in any direction at one time. If necessary to be crosshailed again, peavies must be re-set.
8. If the log comes off the course, it may be placed back on course only by those competitors on the course at that time.
9. The log provided by the host school must be a minimum of 2.5 metres (8 feet 2 1/2 inches) and a maximum of 3.5 metres (11 feet 2 inches) in length. The diameter of the log must be between 25.4-37 centimeters (10-14 inches) for the men's and 19.8-30.8 centimeters (8-12 inches) for the women's to ensure the proper usage of the cant hooks and peavies in this event. The log must be a utility pole.
10. Only 2 peavies/cant hooks may be used by each team to ensure hand-offs are made. No deliberate direct body contact resulting in the support of the log is permitted, or a 10 second penalty will result for each infraction.
11. Two logs must be provided by the host school (1 for men, 1 for women).
12. The log must be in a rolling motion and at least one end of the log should remain in contact with the rails and ramps.
13. **Setup**  
The corral must be determined by the head judge to be a safe distance from the spectators.  
Only competing athletes are permitted in the corral.  
The log deck and rails must be securely in place.  
Decks must have a backstop

## Pulp Throwing

### Core Team Event / Safety Code Green

1. The throwing pit dimensions will be:
  - a. 6 metres (20 feet) apart with 1.2 metres (4 feet) between stakes for men
  - b. 5 metres (16 feet) apart with 1.2 metres (4 feet) between stakes for women
2. Pulp sticks must be 1.2 meters (4 feet) in length preferably spruce and they may vary in weight between 15 - 20 kg (33 and 44 pounds) for men, 10 - 15 kg (22 and 33 pounds) for women. They must be unused at the start of day.
3. A team must divide with three (3) members at each end of the throwing pit.
4. Competitors in a pre-determined order will each throw four (4) sticks consecutively. Each competitor must throw all sticks.
5. A score is counted when any part of the pulp stick lies between the stakes after all sticks have been thrown and have come to rest.
6. A total of 48 scores is necessary to complete the event.
7. If a competitor picks up a moving log, the next 4 thrown will not be scored.
8. Competitors must be behind the plane but not necessarily between the stakes when throwing.
9. Each stick must be pulled back far enough to break the plane before the competitor starts throwing. The plane in this case is considered to be inside or outside the stakes. All sticks thrown before this occurs will be discounted.
10. Should a competitor cross the plane while throwing, a foot violation will result and that stick will not be counted.
11. Pulp hooks or practice throws will not be permitted.
12. Reaching a ten (10) minute time limit will result in the termination of that event for that team. They will receive a time of 10 minutes.
13. An effort by the host school must be made to maintain consistent pit conditions.
14. **Setup**

The corral must be determined by the head judge to be a safe distance from the spectators.  
Only competing athletes are permitted in the corral.  
Host schools must provide 2 spare sticks at the pit.

## Swede Saw

### Core Team Event / Safety Code Blue

1. One (1) disc per competitor must be completed in the swede saw event.
2. Two (2) halves leaving the cant does not constitute a complete disc. A disk would be considered "complete" if a sheer cut is less than **1 centimeter (0.4 inches)**. Sheer cuts greater than **1 centimeter (0.4 inches)** will receive a 1 second penalty for each infraction.
3. Blade must be on the log to start the event but must not be moved before the word "go" or disqualification will result.
4. At a signal from the judge, a competitor must re-cut immediately if a complete disc is not cut. Re-cuts must be done by the competitors that broke the disk, if not disqualification will result.
5. Time will stop when the last disc is cut from the cant.
6. Chain binders, straps or teammates weight on the log may assist with the securing of the log.
7. Teams must make all their cuts within 50cms (20 inches). An allowance for knots may be made at the discretion of the judge.
8. Only a competing team member may spray the saw with any type of foreign substance during the event (i.e.: WD-40).
9. For safety reasons, a 7th person may hold a spare saw in the event of breakage. The saw may not be handed to the competitors.
10. A broken or bent saw tooth, a broken or loosened saw handle is considered to be equipment breakage.
11. If wood is squared, it may not exceed 19.8 x 19.8 cms (8 x 8 inches). If wood is round, a determined effort must be made by the host school to ensure uniformity.
12. All wood must be squared or round, and bark free.
13. Saw horse height must be 64 centimeters to the bottom of the cant plus or minus 5cm (25 inches plus or minus 2 inches).
14. Competitors are not permitted to touch the disks until the Judges have made their decision.
15. **Setup**  
The corral must be determined by the head judge to be a safe distance from the spectators.  
Only competing athletes are permitted in the corral.  
Logs must be securely fastened.  
Any body weight on the stanchion must be within the stanchion frame.

## Quarter Split

### Core Doubles Event / Safety Code Amber

**Note: Competitors participating in the Underhand Chop or Standing Block Chop are not eligible for this event.**

1. Two (2) team members must each quarter a bolt of wood in the shortest time possible.
2. Bolts will be 45-50cm (18-19 1/2 inches) in length and may vary in diameter but must be between 15 and 20cm (6-8 inches) in diameter.
3. Painted dots on bolts will be 5cm. (2 inches) in diameter.
4. A total of eight (8) split, full length pieces with paint on one end is necessary for the successful completion of this event. Less than eight (8) pieces (4 per competitor) will result in disqualification.
5. The second competitor must not begin until the first competitor is finished splitting. The first competitor will not be allowed to split again once the second competitor has begun. Disqualification will result otherwise.
6. At no time may hands be used to touch the wood. After time has been called by competitors, they shall not be allowed to touch the wood again.
7. Feet may be used to move the wood, but not to hold it or to break it apart.
8. Athletes must be protected by steel from toes to and including their shins. If this protection comes off at any time during the event, they must be put back on immediately or disqualification will result. Time will continue to run.
9. Unmodified, conventional axes only may be used. One per competitor. Mauls will be disallowed and will be identified at the discretion of the head judge.
10. Replacement axes may be used in the event of breakage.
11. There is a 10 minute time limit for this event. Any team reaching this time will be awarded points based on a percentage of the winning time.
12. **Setup**  
The corral must be determined by the head judge to be a safe distance from the spectators.  
Ensure the teams and spectators are kept at a safe distance.  
Only competing athletes are permitted in the corral.  
**Wood must be numbered with a colour other than the painted dots.**

## Standing Block Chop

### Core Doubles Event / Safety Code Amber

**Note: Competitors participating in the Underhand Chop or Quarter Split are not eligible for this event.**

1. The event will be timed from the GO signal until two (2) team members have each cut through a vertically supported cant.
2. Prior to the event the measurement for the diameter of the log will be taken.
3. Upon completion of the first competitor's chop the second competitor may begin. Each competitor may turn once during the chop. Should the second competitor begin chopping before the first competitor has completed, disqualification will result.
4. Athletes must be protected by steel from toes to and including their shins. If this protection comes off at any time during the event, they must be put back on immediately or disqualification will result. Time will continue to run.
5. The first competitor may not restart once the second competitor has begun. Disqualification will result otherwise.
6. Slabbing rule is in effect. Competitors must make an effort to avoid slabbing by spiking chopping faces. Spikes/nails must be provided by the competitor. Three spikes driven on each chopping face must be at least 7.62cm (3 inches) long and be driven all the way into cant.
7. A maximum five (5) minute time limit will be allotted per competitor. Any team reaching this time will be awarded points based on a percentage of the winning time.
8. If the log becomes dislodged from its stanchions before completing the cut, the team is disqualified.
9. The maximum diameter of logs for ladies is 15.24 x 15.24 cms (6 x 6 inches) if squared, and 22.86 cms (9 inches) if round. The maximum size for men will be 20.32 x 20.32 cms (8 x 8 inches) if squared, and 27.94 (11 inches) if round.
10. **Setup**  
The corral must be determined by the head judge to be a safe distance from the spectators.  
Ensure the teams and spectators are kept at a safe distance.  
Only competing athletes are permitted in the corral.

## Underhand Chop

### Core Doubles Event / Safety Code Amber

**Note: Competitors participating in Quarter Split or Standing Block Chop are not eligible for this event.**

1. Prior to the event, the judge will measure the diameter of the log. The competitors will indicate the areas to be chopped.
2. No team members may assist in supporting the cant. Chains, spikes or stanchions may be used.
3. Upon completion of the first competitor's chop the second competitor may begin. Each competitor may turn once during the chop. Should the second competitor begin chopping before the first competitor has completed, disqualification will result.
4. Total time is taken from the GO signal until the completion of the second cut.
5. All chopping must occur between footholds. A thirty second penalty will be issued should a competitor cut into footholds.
6. Once the first competitor has completed his/her cut, he/she may not restart chopping. Disqualification will result if this takes place.
7. Upon inspection by the judge, if an incomplete cut is found, a thirty (30) second penalty will be issued.
8. Should a competitor be caught kicking apart the few remaining threads of an unfinished cut or completing a cut in any other manner, a disqualification will result.
9. Should a competitor fall off the log and then strike it with his/her axe, a thirty (30) second penalty will result.
10. A maximum five (5) minute time limit will be allotted per competitor. Any team reaching this time will be awarded points based on a percentage of the winning time.
11. The maximum diameter of logs for ladies is 15.24 x 15.24 cms (6 x 6 inches) if squared, and 22.86 cms (9 inches) if round. The maximum size for men will be 20.32 x 20.32 cms (8 x 8 inches) if squared, and 27.94 (11 inches) if round.
12. Athletes must be protected by steel from toes to and including their shins. If this protection comes off at any time during the event, they must be put back on immediately or disqualification will result. Time will continue to run.
13. If the log becomes dislodged from its stanchions before completing the cut, the team is disqualified.
14. **Setup**  
The corral must be determined by the head judge to be a safe distance from the spectators.  
Ensure the teams and spectators are kept at a safe distance.  
Only competing athletes are permitted in the corral.

## Axe Throw

### Core Singles Event / Safety Code Green

1. The axe head must be double bitted. The handle must be at least 60cm (24 inches) long. (Measurement from the top of the axe head)
2. The target must be at least 60cm (24 inches) in diameter and be located 6 metres (20 feet) from the throw line. The centre of the bull's eye must be 1.5 metres (5 feet) from the ground. (+/- 5cm or 2 inches)
3. Two (2) practice throws will be allowed. Scoring is totaled from four (4) subsequent throws.
4. Scoring areas are as follows:
  - a. bull's eye 15cm - 25 points (6 inches)
  - b. inner circle 30cm - 15 points (12 inches)
  - c. outer circle 60cm - 10 points (24 inches)
5. If the thrown axe bisects two (2) scoring areas, the higher value will be awarded.
6. Inverted, spliced or modified heads will be disallowed.
7. The axe must stick until it is scored by the judge.
8. Crossing the throwing line before the axe hits the target will result in disqualification of that throw.
9. Only the leading edge of the axe may score points. If both edges of the axe stick, the non-leading edge must be tapped out and the leading edge must support the weight of the axe.
10. The host school may insert a full, unopened pop can into the "bull's eye" for special effects. If the axe head, not the handle, punctures the pop can and falls to the ground, a "bull's eye" is scored.
11. Winning scores will be given 100 points and all other scores will be a percentage thereof.
12. **Setup**

All spectators and teammates must be behind the competitor at all times. The corral must be determined by the head judge to be a safe distance from the spectators

## Chain Saw

### Core Singles Event / Safety Code Red

1. One down cut, one up cut in order.
2. Each competitor must provide their own accessories including: Hearing protection, eye protection, ballistic nylon safety pants or chaps and steel toe work boots.
3. The competitor will start the saw and place it on the ground. Note that the chain must not be moving when saw is operating at idle rpm.
4. At the signal given by the judge, the competitor must pick up the saw and saw a complete cut through the top of the log, then cut a complete cut up through the log. Host schools must provide logs no greater than 30 cms (12 inches) in diameter.
5. If the disc should break for any reason, the competitor must cut an additional disc to complete event. The additional disc must be cut in the same direction as the broken or incomplete disc. (i.e. competitors must have 1 down cut complete disc and 1 up cut complete disc to be awarded a time).
6. Only team members may assist in holding the cant.
7. The wood will be marked with a line drawn around the entire block, 10 centimeters (4 inches) in from the end of the block. If this line is completely severed or the competitor cuts on the other side of the line the competitor is disqualified.
8. The saws are to be running, and competitor's hands must be resting on a line drawn on the top of the block until "Go".
9. **Warm Up: 15 seconds to warm up the saw. The countdown will begin 15 seconds after the end of the warm up period.**
10. Time Starts: On the word "Go".
11. The time will be taken from the starting signal "Go" until the second (2nd) disc is clearly severed.
12. Failure to cut complete disks or cutting over the line marked on the wood will result in disqualification.
13. The saw must be started in a safe manner. Drop starting will result in disqualification.
14. If the saw shuts off after the contestant touches it, the contestant can restart it and finish the cut and then turn it over to the judge who will determine if the saw is still working correctly.
15. If the saw is determined to be in working order, then the contestant's time stands.
16. If the saw is determined to be malfunctioning, a new saw will be introduced and the competitor will be granted a re-cut. **If a new saw is introduced, all competitors will have to start again.**
17. Greenhorns will not be permitted to participate in this event.
18. **Setup**  
**If this event is run in a heat where two saws are to be used, both need new chains and must be identically matched saws (a tachometer should be used to ensure this is upheld).**

## Pole Climb

### Core Singles Event / Safety Code Green

1. This event is timed from the GO signal until the competitor has touched a bell supported at the top of a hydro pole. The total height from the bell to the ground should be 8.53 metres (28 feet).
2. A belay 12 mil. (1/2 inch) professional climbing rope is mandatory and will be provided by the host school. The individual on the belay rope must be experienced, unbiased and consistent throughout the competition.
3. Bell must be rung by competitor's hand.
4. Spurs to be used must be CSA or meet current industry safety standards. No homemade toe spurs will be permitted. Buck straps are optional. CSA spurs worn contrary to manufacturers specifications do not meet manufacturers safety specifications.
5. No part of the competitor or the competitor's equipment may touch the pole before the GO signal.
6. Effort must be made by host school to ensure a short tether for the bell. This will prevent unnecessary swinging of the bell during climber ascent.
7. Competitors must wear a certified safety belt.
8. **Setup**  
The corral must be determined by the head judge to be a safe distance from the spectators.  
Hay bales may be at the base of the pole.

## Single Buck

### Core Singles Event / Safety Code Green

1. A competitor must cut through a round log in the shortest time possible using a crosscut saw.
2. If a disc should break before the completion of the cut, the competitor is required to complete the cut in order to receive a score.
3. A peeled log with a minimum diameter of 30cms (14-16 inches) for the women. A peeled log with a maximum diameter of 60 cms (16 - 18 inches) for the men.
4. A starting cut of 15 circumference centimeters (6 inches) will be allowed.
5. Diameters will be taken and will be factored into the scoring. Scoring will be based on the fastest basal area cut per second.
6. One (1) team member will be allowed to wedge the cookie while the competitor is sawing.
7. The distance from the ground to the bottom of the log must be 45 cms, (18") +/- 2.5 cms (+/-1").
8. 7.5 cms (3 inch) knot free wood must be made available.
9. Competitors have 5 minutes to set up for the event or a disqualification will result.
10. Competitors are not permitted to touch the disc until the judges have made their decision.
11. **Setup**  
The corral must be determined by the head judge to be a safe distance from the spectators.  
Only competing athletes are permitted in the corral.  
Logs must be securely fastened.  
Any body weight on the stanchion must be within the stanchion frame.

## Super Swede Saw

### Core Singles Event / Safety Code Blue

1. Female competitors are required to make three (3) cuts,. Male competitors are required to make four (4) cuts.
2. Two (2) halves leaving the cant does not constitute a complete disc. A disk would be considered "complete" if a sheer cut is less than **1 centimeter (0.4 inches)**. Sheer cuts greater than **1 centimeter (0.4 inches)** will receive a 1 second penalty for each infraction.
3. Competitors are not permitted to touch the disc until the judges have made their decision.
4. Two (2) halves or "cut out" of discs constitute an incomplete cut and a re-cut is required immediately.
5. Chain binders, straps or team mates may be use to assist with the securing of the log.
6. A spare saw may be held by a team member but cannot be handed to the competitor.
7. A total time is given from the "GO" signal until the last disc leaves the cant.
8. A maximum time of five (5) minutes will be allowed.
9. **Setup**  
The corral must be determined by the head judge to be a safe distance from the spectators.  
Only competing athletes are permitted in the corral.  
Logs must be securely fastened.  
Any body weight on the stanchion must be within the stanchion frame.

## Water Boil

### Core Singles / Safety Code [Blue](#)

1. Using a block of cedar, **a hatchet**, and some matches, the competitor(s) is/are required to boil a mixture of 250 milliliters (8 ounces) of soapy water.
2. Matches must be Red Bird "Strike Anywhere" large, wooden matches.
3. Competitor(s) supply their own **hatchet (maximum head weight of 1.13 kilos (2.5 lbs.))** . The block of dried cedar, three matches and a can of 250 milliliters (8 ounces) of soapy water are provided by the host school. One (1) wooden cookie may be used as a splitting platform only. Fires may be built on wooden discs only if supplied by host school.
4. Only one (1) **hatchet** may be used to complete the event.
5. The competitor(s) must start a fire using the cedar and the three (3) matches supplied.
6. The fire is used to heat and boil the soapy mixture.
7. Total time is taken from the starting signal, until the water boils over the edge of the can.
8. If water spills out of the can in any manner before it has boiled, another can must be obtained from the judge or a central location.
9. Competitor(s) will be able to obtain additional matches, one at a time, from their judge.
10. Lids of any kind may not be used to cover the top of the can.
11. If more than ten (10) minutes is taken to boil the water, a total time of ten (10) minutes is given.
12. If any individual other than the competitor(s) assists in a physical manner, disqualification will result.
13. All team members and spectators must be outside of barricades at a minimum distance of three (3) metres or, if event is in heats, competitors must be in centre of corral.
14. In the event of serious injury and the judge has deemed that the competitor must cease, the time will be taken if the water eventually boils over.
15. **Setup**  
The corral must be determined by the head judge to be a safe distance from the spectators.  
There must be first aid on site.  
There must be fire extinguishers on site.