

NORCO **CANADIAN ENDURO SERIES** **ELECTRIC**

2021

NORCO CANADIAN ENDURO SERIES ELECTRIC **Rulebook**

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**LEGAL**

By participating in this event, you agree that you have read, understood and accept the Release of Liability, Waiver of Claims and Assumption of Risk, presented by BC Enduro Series Inc.
[A copy of the agreement can be found here.](#)

1. DESCRIPTION

The NORCO Canadian Enduro Series (NCES) and Canadian National Enduro Championship® (CNEC), are the preeminent competitive enduro experience in Canada. The NCES and CNEC are meant to challenge a rider's fitness, technical skill, willingness for adventure and the ability to problem-solve throughout the entire event. Riders assume all responsibility for themselves and comprehend the risks associated with racing mountain bikes.

Electric enduro mountain bike racing is designed to be the definitive test for the e-mountain biker, with the focus of each event on creating a great atmosphere, community, competition, and adventure for the competitor including the best riding on the best terrain available in the host region.

The racing platform detailed below outlines a format that allows riders to compete against each other, starting individually, on special stages that are designed to challenge the rider's technical ability and physical capacity.

The NORCO Canadian Enduro Series Electric (NCES-E) be a separate series as the NORCO Canadian Enduro Series. Aspects will remain similar to both series; they will both occur at the same time, with the Electric events being limited to select venues. They will differ in categories, overall course length, and stages, and have gear stipulations that are not applicable to non-e-bikes.

The following rules aim to define the enduro mountain bike discipline while still allowing space for each event on the Canadian National Enduro Series Electric.

a. PURPOSE

- i. The purpose of the NORCO Canadian Enduro Series Electric is to provide an opportunity to riders on e-bikes to explore new places, ride with friends and race against the clock. We recognize e-biking is not for everyone, and we are not trying to convert all mountain bikers into e-bikers, we are simply trying to accommodate for this discipline in the bike industry and give e-bikers a national platform to prove their riding and technical skills while having a big ol' adventure!



2. ENTRY TO EVENTS, SERIES STRUCTURE, AND POINTS

c. REGISTERING

- i. These are NOT beginner events. We do not accept beginners. Racers must be fully self-sufficient.
- ii. REGISTER [ONLINE HERE](#), REGISTRATION CLOSES ON **TUESDAY BEFORE EVENT**.
- iii. Riders may enter any event by registering at www.canadianenduro.com.
 1. Click the link to view registration fees
 2. Online registration closes at 12:00 pm on Tuesday before the event
 3. On-site registration is **not allowed**
 - a. The cost is \$185.00 on July 1st and goes up by \$15.00 per month until the event
 - b. Prices start at \$150.00 on July 1st for U21 and U15 and goes up by \$15 per month until the event
 - c. Pro category is \$200 and goes up by \$15 per month until the event
 - d. The championship event is \$200 and the extra funds which will be put towards equal prize money for the podium winners
 4. Registration is non-refundable
- iv. Entrants must be over the age of 12 as of December 31st of the current year.

d. RACING LICENSE

- i. No license is required to enter any of the NCES as a general participant
- ii. No license is required to enter any of the NCES-E as a general participant. Racers in the NCES-E will not be eligible for Enduro World Series Continental, Enduro World Series Qualifier or UCI / Cycling Canada points.

e. INSURANCE

- i. Riders from out-of-province (outside of the province of the event) are encouraged to explore the insurance options and requirements for extra-provincial insurance.
- ii. Riders who are not residents of Canada must provide proof of valid emergency medical and travel insurance that includes mountain biking. You can get adequate coverage from our partners at [Lifestyle Financial Here](#).



f. SERIES STRUCTURE AND POINTS

- i. All e-bike categories will be considered in a series separate to the Norco Canadian Enduro Series.
- ii. NCES races and NCES-E races will be held on the SAME DAY.
- iii. All Norco Canadian Enduro Series Electric races count towards the overall champion.
- iv. The Norco Canadian Enduro Championship Electric is a ONE DAY event where the National Enduro Champion Electric is established.
- v. The NORCO Canadian Enduro Series awards the National Champion
- vi. All rounds count towards the series position.
- vii. There is no minimum of rounds to gain a series position, and no races are mandatory.
- viii. Series points can be found on [Roots and Rain](#) (This link will be updated to be more specific once the URL is created).
- ix. E-bike racers will NOT receive prizing at the podium ceremony.

g. EVENT LOCATIONS

- i. The addition of an e-bike category will NOT be offered at every NCES race. There are only select venues for this category:
- ii. For 2021, the event schedule follows:
 1. Sun Peaks Resort, BC = September 25th, 26th, 2021
2021 Norco Canadian Enduro E-Bike Championship presented by SMITH

h. CATEGORIES

- i. Categories will be separated by sex. We currently segregate based on Male and Female only.
- ii. Categories for Men based on age> Pro Men E // Open Men E // U21 Men E.
- iii. Categories for Women based on age > Pro Women E// Open Women E // U21 Women E
- iv. Your age is determined by your age as of December 31st of the current year.
- v. Pro categories are self-selected.
- vi. The NCES-E reserves the right to change categories.

3. COURSE INFORMATION

- i. Courses are released [here](#).
- ii. Courses are released at our discretion, typically the Friday or Saturday before.
- iii. Blind Stages are sometimes utilized to manage overuse-please abide and do not ride where/when you are not permitted.
- iv. Course releases are always posted to social media > do not email and ask for course information.



a. COURSE EXPECTATIONS

- i. The e-bike category will ride a different course than the regular NCES course at each venue.
- ii. The courses raced will share some similar stages with the NCES, with the exception of some of the following changes:
 1. Fewer uplifts where applicable
 2. More timed decent stages
 3. Timed uphill stages
 4. Shorter overall time to complete the day
- iii. The course will vary depending on the event location and will be subject to change as determined fit by the race director.
- iv. The Electric race will have a MINIMUM of one 'positive grade stages'. Positive grade stages will either be climbing stages or a combination of two descending stages with a short technical climb connecting descents.

b. COURSE MARKING

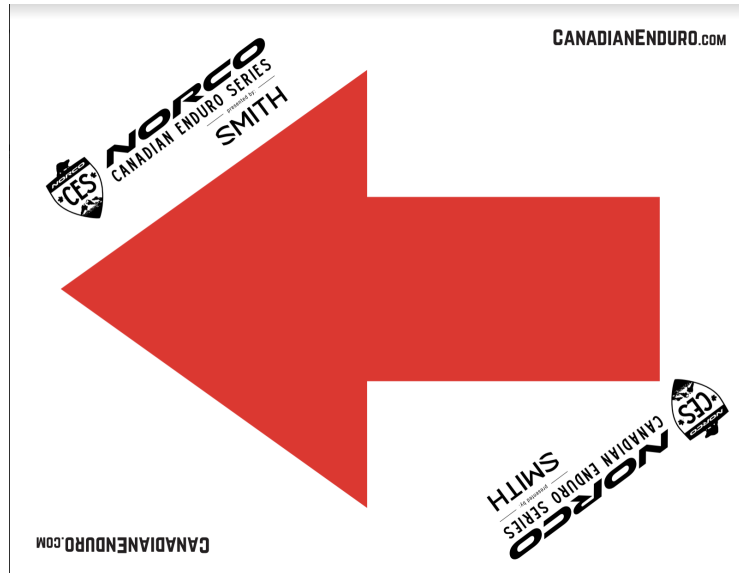
COURSE TAPE

- We operate on a "less is more" basis and don't overuse tape
- Tape is used to help make intersections clear and to give riders the occasional reminder that they are on the trail.
- If a route is obvious (eg an access road for climbing), we will use minimal tape.



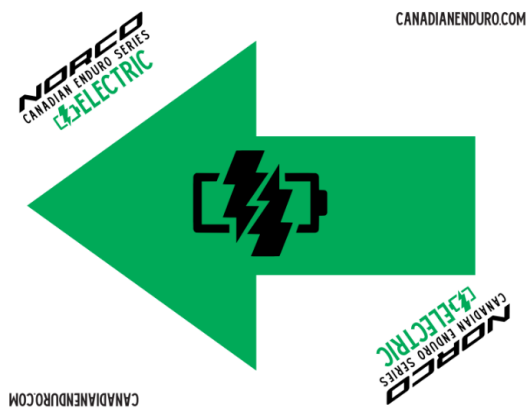
ARROWS

- These will indicate a direction and will typically be on or near the ground
- These will be on the outside of corners or in the middle of intersections



E-BIKE SPECIFIC ARROWS

- These arrows are ONLY for participants in the e-bike category
- These will indicate a direction and will typically be on or near the ground
- These will be on the outside of corners or in the middle of intersections
- These arrows will generally be used for technical positive grade stages but will also be used for any deviation from the main route that is specific to the e-bike race



CAUTION SIGNS

- These are our most high-level notification signs, used when the consequence is REAL



SLOW SIGNS

- These let people know that there is a potential danger and to slow-down.



START/FINISH SIGNS

- These will be put at the start or finish of every timed stage.
- Start signs will be at the end of the taped corral, finish signs will be at the beginning. You can see the video [HERE](#) that explains the start/finish set up.



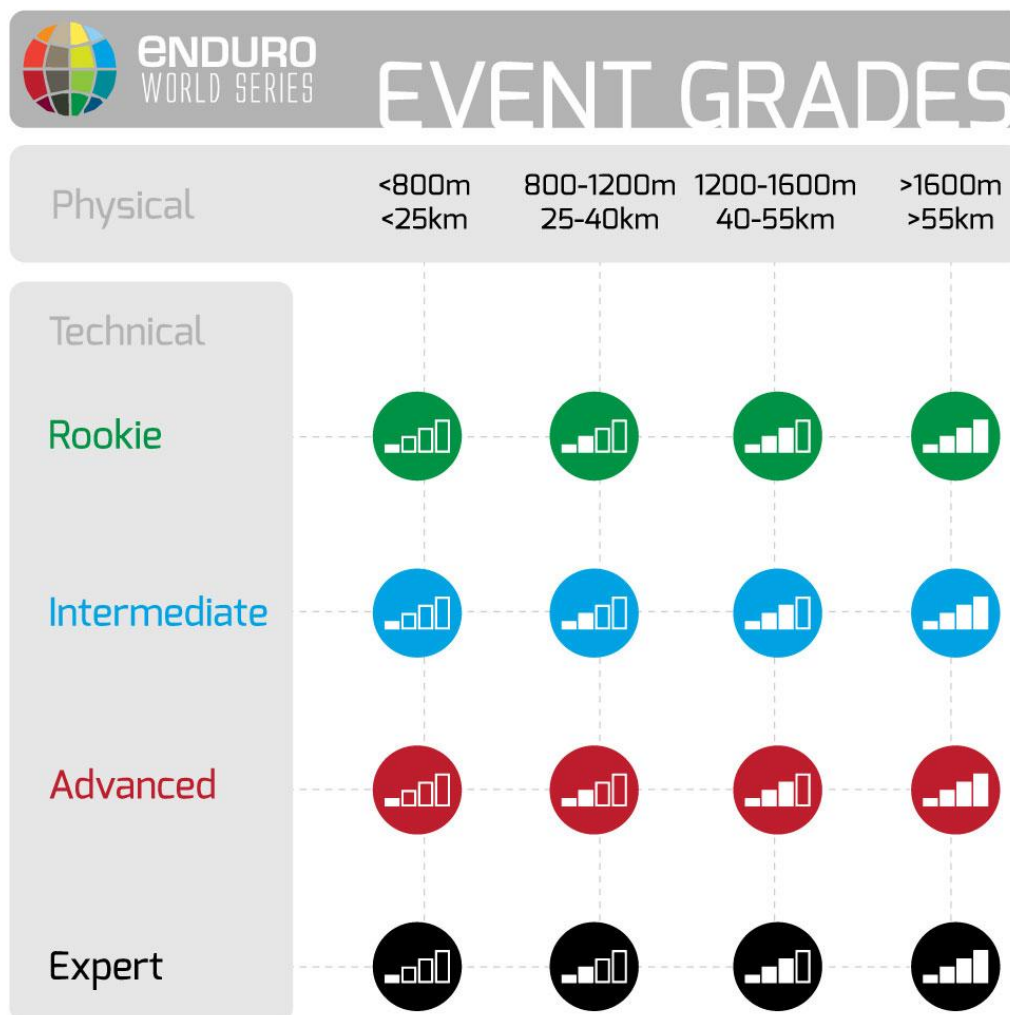
1. High-visibility tape may be used to identify the course, this tape may be crossing out a feature, used as directional tape, marking tight corners on the timed stages (for example, at a switchback), or identifying a hazard. It is the rider's responsibility to ensure they NEVER cross through, over, under, or into the tape
- ii. Course Cutting & Cheat Lines
1. Courses in some areas are marked with flagging tape. Deviating outside of the man trail tread width more than 2' on either side is considering course cutting. Racers found cutting the course or creating cheat lines will be publicly humiliated, and in severe cases, we will call your mother/father/guardian to report you.

Please respect the trails- the majority are built by volunteers, and as such, creating braiding/alternate lines may help your time, but take away from the trails.

2. It is each rider's individual responsibility to study the course map and understand the race route before participating in a race.

d. EVENT GRADING

- i. For 2021 we have adopted the event grading guidelines published by the Enduro World Series Organization.
- ii. All NORCO Canadian Enduro Series events will be graded on the following two-part scale:



- iii. Colors represent the technical nature of the trails, bars represent the physicality of the day.
- iv. For an in-depth breakdown and examples click [HERE](#)

4. TIMING

c. TIMING SYSTEM

- i. We do NOT use stage start times.
- ii. Stage restarts are forbidden.
- iii. Our timing system tracks you as you move through the start and finish zones. Once you are within the field, your time will be recorded. Do not enter a start or finish zone unless you are racing that segment. Stay 2 meters back from the start zone prior to starting the stage.
- iv. All competitors will wear a timing band. The timing is to be worn on the RIGHT- HAND WRIST.
- v. The timing band must be returned to the registration tent as soon as the rider finishes the last stage.
- vi. All data will remain the right of the Norco Canadian Enduro Series and the BC Enduro Series Inc.
- vii. Riders will be charged for any timing band units not returned within 3 hours of completion of the last stage.
- viii. Timing bands returned after 4:00 pm on race day are not eligible for results.
- ix. For details on how the system works, check out the following videos:
 1. [Chip Placement](#);
 2. [How the system works](#); and
 3. [Start and Finish Corrals](#).
- x. Results will be available at [Zone 4](#).
- xi. E-bike races will DEPART the vendor/expo area AFTER all of the NCES races have departed.

d. COURSE FINISH

- i. All courses close at 3:00 pm. Riders are allowed to finish their stage, but not start a new stage.



5. SAFETY & RISK MANAGEMENT

c. GENERAL SAFETY

i. RIDER DOWN

1. If a rider encounters another rider on course, a verbal response is necessary before continuing. If no response between the riders is given, the rider must stop and assess the situation.

If the rider not responding is injured please call 911 if it is life-threatening, or notify the closest marshal. If you begin life-saving first-aid, send the next rider down to the marshal.

A rider who does not stop for an unresponsive rider will be banned from the series.

Riders who help injured riders (must be a removal from race injury) will be given the opportunity to repeat the stage or to take an average of their other stage finishes.

ii. HELMETS

1. All competitors must wear a helmet purchased/manufactured within the last three years. Random inspections are done. If a helmet does not meet this stipulation the rider will not be allowed to compete.
2. Riders must wear an approved helmet for mountain biking.
3. All races have Mandatory Full Face helmets for all competitors. It is the competitor's responsibility to know this information.
4. Helmets with removable chin bars are acceptable.
5. Helmets must be worn at all times while riding.

iii. RECOMMENDED GEAR LIST:

- Suitable backpack
- Waterproof jacket
- Emergency blanket
- Sun Protection
- Spare tubes/ puncture repair kit
- Multi-tool
- First aid kit
- Trailforks Map
- Extra Food and fluids
- Eye protection (glasses or goggles)
- Emergency contact information



d. HEAD INJURY/CONCUSSION

- i. A rider who has a positive mechanism for a head injury will be assessed by a first-responder of the race. If the first-responder deems the rider unfit, the rider will be removed from the course and forbidden to ride in the event for that day. If another event is scheduled within 10 days, the rider must submit a doctor's note confirming that they are ready to participate in mountain biking again.
- ii. When a first-responder deems a rider is unfit to continue, that rider must submit their number plate to the first-responder without question.

e. EMERGENCY ACTION PLAN & FIRST RESPONDERS

- i. See any course marshal for a copy of the Emergency Action Plan.
- ii. Our events have a minimum of one First Responder per stage. This is on top of general first-aid attendants throughout the course.

f. ENVIRONMENTAL

- i. Rider's CANNOT intentionally drop anything (e.g. food wrappers, used inner tubes, broken equipment, etc) outside of a publically available trash can. Any rider deemed to be abusing the environment will be penalized. Riders must always aim to leave nothing on course.
- ii. **INVASIVE SPECIES**
Riders are asked to wash their bikes before leaving their hometown and to ensure that at the end of every training day their bikes are washed thoroughly.

In addition, please avoid riding off-trail. We ask that you highly consider this whenever you ride your bike.

For more information [click here](#).

- iii. Enduro mountain bike racing allows us to ride into remote, backcountry areas of natural beauty. It is of the utmost importance that all racers respect their environment and consider the impact they leave behind for the local riding community. The below rules have been put in place to protect our trails and our riding environments.
 - No disposable goggle tear offs are allowed to be used.
 - The disposal of food packaging on the trail is strictly prohibited.
 - The Norco Canadian Enduro Series reserves the right to penalize any rider whose actions are deemed to seriously damage the local environment.
 - Riders must not store food and drinks or clothing and equipment on the trail (Food/Gear Stashes).



- Packaging left behind and uncontrolled food supplies may have a serious impact on local wildlife and the local environment. Any rider found to be hiding or retrieving supplies from unofficial feed/tech stations will be penalized.
- Riders must not store or drop clothing or equipment on the trail (Kit Stashes) during Official Training or racing. All riders must remain self-sufficient and carry off the mountain that they carry onto it.

During all events, medical staff may collect preliminary rider injury and illness data in order to monitor the magnitude of issues that occur. As part of a rider's participation, this will include a rider's medical data should any rider sustain an injury (or illness) during an event.

No rider will be identifiable at any stage during any collection of this data and any data collected on a rider will be anonymized and kept strictly confidential at all times. The information gathered may be used by NCES to help guide and direct future rider health and injury/illness prevention initiatives. A rider does not need to do anything as part of this data collection.

6. PRACTICE & TRAINING

c. Trail Impacts

- i. Racers are asked to limit their training runs to one or two laps of a trail where possible.
- ii. Racers are asked during practice to stay on the established trail tread.
- iii. NCES-E racers must refer to the event Facebook for further practice stipulations.

7. SHUTTLING

- c. Riders in the e-bike category will NOT be permitted to shuttle in practice or in the race unless otherwise stated by the Race Director.
- d. E-bikes are eligible to use the chairlift for practice at resorts where applicable.
- e. When riding on public roads riders must follow the rules of the road.

8. SEEDING AND START ORDER

- c. Riders at the stage start can seed themselves. The order is usually Fastest to Slowest.
- d. Riders MUST depart the registration at their dictated DEPARTURE time (this is found in the Notice of Race and schedule for each event).
- e. We do NOT use or allocate stage start times.
- f. Riders are released at stage starts every 30 seconds (30s intervals)
- g. Courses close at 3:00.



9. EQUIPMENT REQUIREMENTS

- c. E-bikes must meet the following requirements in order to be eligible for racing:
 - i. Motor only provides assistance if the rider is pedaling (pedal assist).
 - ii. Has a motor with a continuous maximum output of 630 watts.
 - iii. May have a deactivated throttle actuator so that the motor is only controlled by pedal assist.
 - iv. Must have a MAXIMUM speed of 32km/h before power cut-off.
- d. During the race, e-bikers must use the SAME battery as they started with. **There will be absolutely no mid-race charging or swapping of batteries.** This encourages riders to strategically choose power modes depending on terrain demands.
- e. A modern e-enduro bike with front AND rear suspension.
- f. **Full-Face Helmet. Helmets with removable chin bars are accepted.**
 - i. Helmets must be purchased/manufactured within the last three years. Random inspections are done. If a helmet does not meet this stipulation the rider will not be allowed to compete.
 - ii. Riders must wear an approved helmet for mountain biking.
 - iii. All races have Mandatory Full Face helmets for all competitors. It is the competitor's responsibility to know this information.
 - iv. Helmets must be worn at all times while riding.
- g. Two functioning hydraulic disk brakes.
- h. Riders must complete the race on the same frame they started with.
- i. Outside assistance is not permitted unless approved by the race director.

10. RESULTS AND POINTS

- c. Results are published at 4:30 pm. There is a 20 minute discrepancy period. After 5:00 pm all results are considered final. Live results will be available on [Zone 4](#) and following the race [here](#).
- d. Series points can be found on [Roots and Rain](#) (This link will be updated to be more specific once the URL is created).

11. MORE INFORMATION

- c. Please visit our [website](#).
- d. [Frequently Asked Questions](#).



12. SCHEDULE SUBJECT TO CHANGE

- a. Schedules may change at any time for a number of reasons. Please refer to the Race Book which will contain the most up to date information.

13. VOLUNTEERS

- c. Our events are run with the assistance of volunteers. Our volunteers are not responsible for event delivery. To sign up to be a volunteer or for more information [click here](#).
- d. Riders are not permitted to make any verbal requests, complaints, derogatory, insensitive or crude remarks to volunteers at any time. Failure to abide by this stipulation will result in a lifetime ban from our events.
- e. If you have a complaint or concern, please speak with NCES staff directly.

The Race Book can be found on all the individual event pages on our website. The information in the Race Book trumps any information present here.

