



2026 IXCR General Rules + E-Bike (EMTB)

DISCLAIMER

Off-road racing can be hazardous. Participation is voluntary.

No entrant, pit crew member, spectator, or vehicle owner/insurer shall have any claim for damages, expenses, lawsuits, or otherwise against the promoter, track operator, landowner, IXCR Racing, or its officers, agents, or directors arising from damage to any vehicle, personal injury, death, or monetary loss.

Entrants, pit crew members, and vehicle owners/insurers who voluntarily participate waive any and all claims against the promoter, track operator, landowner, IXCR Racing, its officers, agents, or directors.

Note: Any person entering the event premises without signing the liability waiver at the entrance will be considered a trespasser.

Restricted Area: = All areas beyond the check-in gate after signing the liability waiver.

A. GENERAL

1. Racer Age

Racer age is determined as of the date of the event. Racers competing in a younger age division are not required to advance to an older age division once eligible.

2. Youth Racer Age is age of January 1st.

3. Class Requirements

Classes are assigned by skill level and age.

4. Race Length

Race length will be **30 minutes +/-**, weather permitting.

5. Inclement Weather

Events may be conducted regardless of weather conditions. IXCR reserves the right to alter the race schedule, race order, or race length, or to delay, suspend, or cancel competition if conditions warrant. Every effort will be made to resume competition if conditions improve.

6. Pit Crews

Racers are responsible for the actions of their entire pit crew.

7. Medical Insurance

IXCR Racing does not provide medical insurance. Medical insurance is the sole responsibility of the competitor.



B. BICYCLE ELIGIBILITY

1. Class 1 E-Bikes (Pedal Assist Only)

- Pedal-assist bicycles only
- Maximum **750 watts peak power**
- Motor assistance only while pedaling
- Motor assistance limited to **20 mph**
- Approved drive units only
- Bicycles must remain locked and unmodified
- Modification of wheel sensors, software, circumference settings, or speed-limiting systems is strictly prohibited

2. Production Rule

- OEM drive unit and matching OEM frame required (matching model year not required)
- Electric conversion kits and aftermarket frames are prohibited
- Once qualified for an event, the bicycle frame may not be replaced

3. Approved Drive Units

- Bosch
 - Shimano
 - Panasonic
 - Yamaha
 - Brose
 - Dymate
 - Specialized, SRAM
 - Aventon
-

C. GENERAL EQUIPMENT STANDARDS

1. Pedals must be fully operable at all times
2. Throttle mechanisms of any type are prohibited
3. Cracked or broken handlebars are prohibited
4. Functional front and rear brakes are required
5. Studded tires are prohibited
6. **Helmet Requirement**
 - Approved helmet required at all times when riding
 - Must meet **DOT** or **CPSC bicycle helmet** standards
 - Must be properly fitted, fastened, and unaltered
7. Pants or shorts, shirt, and shoes required (clip-in shoes permitted)
8. Body armor is recommended but not required
9. Protective eyewear is optional and must be shatter-resistant



D. REGISTRATION

1. Racers under 18 must provide proof of age and be accompanied by a parent or legal guardian
2. Racers must register before riding anywhere on the premises and must wear a helmet at all times
3. IXCR-approved transponder required
 - o Checkpoint passive transponders only
 - o Available for purchase at each event

E. START PROCEDURE

1. Racers will line up in assigned rows on a first-come basis when directed
2. Mandatory riders meeting held at the start line
3. **Start Sequence**
 - o Blue flag indicates race preparation
 - o Referee signals “10 Seconds”
 - o All crew must step back with no contact
 - o Green flag starts the race between 8–10 seconds
 - o Rows may start approximately 30 seconds apart
4. Jumping the start or starting in the wrong row will result in penalties, **minimum penalty 60 seconds**
5. Racers missing their start must enter through the start chute
6. The bicycle started with is the official bicycle for the event and may not be changed

F. RACECOURSE

1. Courses may include trails, roads, hills, motocross tracks, or varied terrain
2. EMTB course markings: **Black arrows on white background**
3. Course tampering is strictly prohibited
4. Only officials and entered racers may ride the EMTB course during competition

G. SCORING

1. Transponder scoring is official
2. Finish Line to Finish Checkpoint is a **NO PASSING zone**



3. No pitting or servicing between the Finish Line and Finish Checkpoint
-

H. ON-TRACK REGULATIONS

1. Racers must remain on the marked course
2. Limited deviation allowed only to clear bottlenecks (not checkpoints)
3. No cutting inside white pole markers, **minimum penalty 60 seconds**
4. Racers must re-enter the course where they exited
5. Mechanical assistance permitted off-course without interference
6. Data logging permitted (no real-time downloads)
7. Reckless riding will be penalized
8. Team tactics are prohibited
9. Unsportsmanlike conduct may result in penalties, suspension, or removal

Penalties may include fines, loss of points, disqualification, probation, or suspension, and are not subject to protest.

I. RACE FINISHES

1. Race ends when the checkered flag is displayed to the overall winner
 2. Racer and bicycle must cross the finish under their own power with helmet on
 3. Racers scored by finish order and laps completed
 4. Racers have **15 minutes** to finish the race after the overall winner takes the checkered flag.
 5. **Podium:** Top 3 Overall regardless of class
 6. Results become final 30 minutes after posting unless a protest is pending
 7. **Protests must be submitted in writing**
 8. Penalties assessed at official discretion
 9. **Awards** are given at the rate of 1 per 4 racers, with a minimum of 3 awards per class. To win an award, a racer must complete 50% of the laps of the class winner.
-



J. IXCR CLASS CHAMPIONSHIPS

- Points based on all events
- Must compete in **5 of 6 events** to qualify for banquet awards
- Points awarded per event as listed below
- 1 point will be assigned for entering the race
- Ties broken by most 1st place finishes, then final race result if needed

1 – 20	5 – 16	9 – 12	13 – 8	17 – 4
2 – 19	6 – 15	10 – 11	14 – 7	18 – 3
3 – 18	7 – 14	11 – 10	15 – 6	19 – 2
4 – 17	8 – 13	12 – 9	16 – 5	20 – 1

K. IXCR OVERALL NUMBER ASSIGNMENT

- Based on overall finishes using electronic scoring
- Discipline-specific (class changes allowed within discipline)
- 500-point scale per event
- Ties broken by best final race result.