



2023/24 Equipment Control Protocols

Competitors are required to check in their skis with sufficient time to allow for a significant number of skis to be tested for the use of fluorinated wax products prior to the start. A random selection of competitors will have their skis sampled using the SkiFT fluorine detection system.

Applicability

These protocols will apply to the following competitors at all SuperTour and United States Cross Country Championships (USCCC) competitions.

Individual Start	Seeded Group, Group B, & Group C (60 total)
Mass Start	Seeded Group & 40 lowest ranked from Group R (60 total) American Birkebeiner - All FIS Seeded Group Members Craftsbury Marathon - 30 lowest-ranked competitors
Mass Start - Junior Selection Race January 4th	Seeded Group (20 Total)
Individual Sprint Qualification	Seeded Group & 40 lowest ranked from Group R (60 total)
Individual Sprint Finals	All open class competitors
Individual Sprint Finals -Junior Selection Race January 4th	All
Pursuit Start	First 60
Team Sprint Qualification	All
Team Sprint Finals	All
Relay	All Official Teams

Ski Delivery

Athletes, coaches, or other team staff may deliver the skis to the check in area by the designated ski delivery deadline.

All delivered skis will be marked with the start number of the competitor.

In all cases, except for classic technique Individual Sprint Finals, only one pair of skis per competitor can be checked in and used for the competition.

In the case of the classic technique Individual Sprint Finals, two pairs may be checked in and skis may be exchanged between rounds.

Ski Delivery Deadlines

Individual Start	Rolling Deadline 10 minutes before each competitor's start time
Mass Start	10 minutes before the start (American Birkebeiner - 15 minutes)
Individual Sprint Qualification	Rolling Deadline 10 minutes before start time
Individual Sprint Finals	Rolling Deadline 10 minutes before heat start time
Pursuit Start	Rolling Deadline 10 minutes before start time
Team Sprint Qualification	Rolling Deadline 10 minutes before each competitor's start time
Team Sprint Finals	10 minutes before the start of the Finals (both team members)
Relay	Rolling Deadline 10 minutes before the start of each leg

Ski Exchange and Waxing

Freestyle Competitions

Only the single pair of skis that is checked in through the Control Area can be used for the entirety of the competition. Skis can not be exchanged between heats of the Individual Sprint Finals nor between legs of the Team Sprint Finals.

Freestyle skis can not be waxed, brushed, or otherwise adjusted after they have been delivered to the Control Area, until the completion of the competition. This includes the period between heats of the Individual Sprint Finals and between legs of the Team Sprint Finals.

Classic Competitions

For all classic competitions, except Individual Sprint Finals, only the single pair of skis that is checked in through the Control Area can be used for the entirety of the competition.

For classic technique Individual Sprint Finals, competitors may exchange from the two pairs of skis that are checked in through the Control Area between the heats.

Classic skis can not be waxed, brushed, or otherwise adjusted after they have been delivered to the Control Area, until the completion of the competition. With the exception that kick wax may be adjusted before the start of the Quarter Finals and between the heats of Individual Sprint Finals. Kick adjustment can only be done within the designated kick wax service area within the Control Area and using only the prescribed materials and tools (below).

General Rules

Broken skis may be exchanged per ICR Article 343.8.1.

Kick wax can be applied per ICR Article 3443.12.7

Control Area

The Control Area is a fenced area adjacent to the pre-start and cool down areas sufficiently large enough for the size of the competition.

There should be two access gates to the area. The *Ski Delivery Gate* allows one way traffic only to bring in skis directly from the check in area. The *Control Area Access Gate* allows free access for competitors, coaches, and officials in both directions **without skis**. Ski may only move out through the *Control Area Access Gate*.

No waxing, bushing, cleaning, or other work can be done to the ski bases once the skis have been checked in. The exception to this rule is that the kick zones can be adjusted in the designated Kick Service Area during the Individual Sprint Classic Heats.

The skis of all Individual Sprint Finals competitors will remain in the Control Area until the completion of the Final Heat.

The skis of all Relay competitors will remain in the Control Area until the completion of the race.

The skis of all Team Sprint Finals competitors will remain in the Control Area until the completion of the race.

Kick Service Area

Adjustment of the kick wax can be made in the designated kick service area within the Control Area between Individual Sprint Classic heats only.

Electricity is not provided and generators are not allowed.

Allowed tools and materials:

- Tables
- Profiles
- Kick waxes, klisters, wax tapes.
- Corks
- Spatulas
- Scrapers
- Heat gun/torch
- Sandpaper
- Dry cleaning cloth

Not Allowed:

- Liquids
- Sprays
- Wet wipes
- Glide waxes
- Glide waxing tools including but not limited to, brushes, roto and hand fleeces, and roto corks.

Fluorine Test Area

Those selected for fluorine detection will have their skis brought to the Fluorine Test Area within the Control Area. Skis will be tested on a first come, first served order. Competitors are responsible for picking up their skis from the designated rack outside of the testing tent after the testing is complete.

Equipment Controller

U.S. Ski & Snowboard will designate an Equipment Controller for each event. They are responsible for the oversight of the Control Area. The Equipment Controller will report incidents of late ski delivery and other violations of the Equipment Control protocols to the Competition Jury. In the case of a ski delivery later than 5 minutes, the Controller will enforce the Not Permitted to Start (see **Jury Guidance**)

Time Keeping & Data

Must provide a Bib Distribution List that includes the ski delivery deadline for each competitor or team. If possible, an electronic device(s) for recording ski delivery times should be utilized. These devices must be synchronized with the race clock. Sanctions, including Not Permitted to Start (NPS) and Written Reprimand (Yellow Card), will be noted on the unofficial and official results.

Jury Guidance

Equipment Control protocols must be announced at the TCM.
Late arrival of Ski Delivery -up to 5 minutes - is a fixed sanction of Written Reprimand.
Ski delivery beyond 5 minutes from the deadline is a fixed sanction of Not Permitted to Start.