

Regulations for IPC Alpine Skiing Competition Equipment for athletes/guides Competition Season 2010/2011

Guides must use equipment appropriate for their gender.
Ski length and radius must have the manufacturer's mark on the skis.

SKIS

- **Ski length**

Minimum length, "developed" length (unwound length) in accordance with ISO Norm including a measurement tolerance

- **Profile Width**

The **minimum width** of the running surface (no tolerance).

Downhill

For all Downhill events in the competition season 2010/2011, the IPC AS STC will allow the use of both Super-G and Downhill skis that meets the requirements for length, radius and profile width mentioned below:

- **Ski length**

Women (all IPCAS Categories):	Minimum 200 cm / -1 cm tolerance
Men (all IPCAS Categories):	Minimum 205 cm / -1 cm tolerance

- **Radius**

Women (all IPCAS Categories):	Downhill skis 45m, Super-G skis 33m
Men (all IPCAS Categories):	Downhill skis 45m, Super-G skis 33m

For Downhill skis only, the radius measurement with a preparation tolerance of -1m.

- **Profile Width**

Ladies and Men:	
Super-G skis:	65 mm
Downhill skis:	67 mm

Super G

- **Ski length**

Women (all IPCAS Categories):	Minimum 200 cm / -5 cm tolerance
Men (all IPCAS Categories):	Minimum 205 cm / -5 cm tolerance

- **Radius**

Women (all IPCAS Categories): **Minimum 33m**
 Men (all IPCAS Categories): **Minimum 33m**

- **Profile Width**

Ladies and Men skis 200 cm and longer: **65 mm**
 Ladies skis 195 cm to 199 cm: **60 mm**

Giant Slalom

- **Ski length**

Women COC/WC/WCH/PWG: **Minimum 180 cm**
 Women IPCAS Races: **Minimum 180 cm / -5 cm tolerance**
 Men COC/WC/WCH/PWG: **Minimum 185 cm**
 Men IPCAS Races: **Minimum 185 cm / -5 cm tolerance**

- **Radius**

Women COC/WC/WCH/PWG **Minimum 23m**
 Men COC/WC/WCH/PWG **Minimum 27m**
 Women IPCAS Races **Minimum 21m**
 Men IPCAS Races **Minimum 21m**
 Children II: **Minimum 17m**

- **Profile Width**

Men and Women: COC/WC/WCH/PWG: **65mm**
 Men and Women: IPCAS Races: **60mm**

Slalom

- **Ski length**

Women (all IPCAS categories): **Minimum 155 cm**
 Men (all IPCAS categories): **Minimum 165 cm**
 Children II: **Minimum 130cm**

- **Profile Width**

Men and Women: COC/WC/WCH/PWG: **63 mm**
 Men and Women: IPCAS Races **60mm**

Binding and Plate Heights

All VI and Standing athletes at all levels **must not exceed 50mm**
 (Distance from the ski running surface to the ski boot sole)
 (Refer IPCAS Rule Book: rule 306.2)

Boot Heights

All VI and Standing athletes at all levels **must not exceed 43mm** (Distance between the ski boot sole and the base of the heel including all hard and soft parts)

Crash helmets

The use of crash helmets is compulsory for all events. Only helmets are permitted whose shell and padding cover the head and ears.

Helmets with spoilers or edges that protrude are not permitted.

Certain helmets must show a smooth top surface for safety reasons.

Helmets used in IPC Alpine Skiing shall be specifically designed and manufactured for the respective discipline and shall bear a CE mark and conform to recognized and appropriate standards such as CEE 1077 or US 2040, ASTM F2040, SNELL S98 or RS 98, etc.

Soft ear protections are only allowed for SL events.

For VI and Sitting categories full-face ski helmets are permitted at the athlete's own risk (Refer IPCAS Rule Book: rule 306.2).

Alpine Ski Racing suits

Competition suits and any clothing worn may not be plasticized or treated by any chemical means (gaseous, liquid or solid).

Ski Poles

The ski pole is an item of equipment, the function of which is to aid the skier and facilitate balance. Owing to risk of injury, metal baskets are not permitted.

Ski goggles

Ski goggles are devices protecting the eyes against weather and rays with optically correct lenses. Their aim is to guarantee good, contrast-free visibility in all weather conditions. The use of ski goggles is recommended.

B1 athletes: the goggles for B1 Athletes must be totally opaque and not allow any light perception from the inside (Refer IPCAS Rule Book rule 1302.6).

Sit Skis

A sit-ski needs a braking device on both sides of the seat.

Other Equipment

All other equipment not mentioned above and used for IPC Alpine Skiing is regulated according to the FIS Competition Equipment Specifications.