



ALPINE CANADA ALPIN

2015-2016

**NATIONAL COMPETITION
RULES**

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THE RULES OF SKI RACING

The International Ski Federation / Fédération Internationale de Ski (FIS) is the world governing body for alpine ski competition and various other snowsports.

The Canadian Snowsports Association (CSA) www.canadiansnowsports.com holds membership in the International Ski Federation (FIS) as the umbrella body representing each of its member disciplines including Alpine Canada Alpin (ACA). The CSA represents its member disciplines within the Federation Internationale de Ski (FIS); Canadian Olympic Association (COA); Winter Sport Institute (WinSport); Fondation Ski Canada Foundation; and the Canadian Ski Council (CSC) as well as numerous other agencies involved in the Canadian snow sport system with respect to the National Ski Federations in over 105 countries.

The purpose of the CSA is to work with its members according to the following principles:

- 1) Manage Canada's membership within the FIS.
- 2) Represent the CSA membership with those affiliations identified by the Board.
- 3) Serve as the collective voice for members and Canadian competitive snow sports.
- 4) Deliver optional services that benefit the majority of the membership.
- 5) Provide advice, assistance and optional operational services to members as requested and as is feasible and cost effective.
- 6) Manage Sport Accident, Liability, Directors & Officers and other insurance programs.

Alpine competitions are run according to the FIS International Competition Regulations published in the ICR Book IV, annual rule updates known as Precisions and specific rule documents e.g., FIS Equipment Rules and FIS Timing Rules. The rules, approved by the FIS Council, are based on recommendations from FIS committees and National Ski Associations as well as from decisions made by FIS Congress delegates.

In Canada, all alpine competitions are run under the rules as set forth in the current ICR, Precisions and specific FIS rule books except where modified and approved by ACA. Because the ICR and FIS rule documents are primarily written for FIS races where the rules must be implicitly followed, it is necessary for legal and practical reasons that certain modifications and/or additions appropriate to the specific non-FIS levels of competition be made.

The ACA National Competition Rules Book (NCR book) is based on National rules and recommendations from Alpine Canada Alpin, who are the CSA's governing body for alpine ski racing and the National Officials Committee.

ACA National race rules as noted in this book also include ACA Point Rules and National Timing Rules that apply to ACA sanctioned non-FIS race events

Sources of Rules

FIS www.fis-ski.com

1. The International Ski Competition Rules (ICR).
2. The 'Rules for the FIS Points
3. The "Precision's"
4. FIS Timing Booklet
5. Specifications For Competition Equipment and Commercial Markings
6. FIS Medical Rules and Guideline
7. The Memento for the Technical Delegate issued by the FIS

National www.alpinecanada.org

1. ACA National Ski Competition Rules augmented by in-season "National Rules and Policies"
2. ACA Point Rules
3. National Timing Rules

Provincial Sport Organization (PSO)

Each Provincial Sports Organization (PSO) for alpine may also publish rules for competitions held under its jurisdiction / sanction provided such 'regional rules' do not go beyond the limits laid down in the present FIS and National rules and that they do not increase risk to the participants..

Local Race Rules

Local rules are published in the material distributed for individual race events. These rules must not go beyond the limits laid down in the present FIS, National and Provincial rules. Local rules govern such matters as the local ski area rules and regulations, restrictions for lift access, deposits required for racing bibs and other issues related to a specific event.

Except where specifically amended or changed by the rules set out in this document and/or in-season "National Rules and Polices", all Alpine Competitions sanctioned by Alpine Canada Alpin must be organized in accordance with the current FIS Alpine ICR ~ Section 1 – 200 rules, Section 2 – 600 rules and Section 3 – 700, 800, 900, 1000, 1100, 1210, 1220, 1240 rules, and current Precisions. National calendared competitions with different grounds of qualification may not go beyond the limits laid down in the present FIS.

National Amendments: ICR Section 1- 200 series ~ Joint Regulations for all Competitions

Amendments for National calendared events apply using FIS ICR reference numbers:

- 200.1** All events in the ACA calendar must be held under the applicable National rules.
- 200.3** **Participation**
– Competitions listed in the National calendar are open only to all properly registered or licensed competitors entered by their National Ski Association, ACA, PSO and alpine clubs in accordance with current quotas.

– Prior to calendaring/registration of competitions, events and activities with ACA it is necessary to ensure coverage under the Canada Snowsports Association liability insurance program. Premiums in respect of participants must be collected by the organizer prior to participation in the completion/event/activity. Contact ACA for complete details of the insurance program requirements. SQA sanctioned activities and events are not covered under the CSA Commercial General Liability Policy. Quebec registered members should contact SQA for complete details of insurance coverage there.
- 200.4** **Special Regulations**
– Alpine Canada Alpin may adopt rules and regulations to organize National and Provincial Sport Organization competitions with different grounds for qualification, but only provided they do not go beyond the limits laid down by the present rules.
- 200.6** Every legal sanction imposed and published in respect of a competitor, official or trainer will be recognized by ACA and Provincial Sport Associations respectively.
- 201.5** **National Events**
– An event is a competition in a sport or in one of its disciplines. Participation in the competition results in a ranking and gives rise to the award of medals.
- 201.6.1** **Alpine Events**
Downhill, Slalom, Giant Slalom, Super-G, Kinder Kombi, Parallel Competitions, Ski-cross.
- 201.6.10** Children's, Masters, and Para-alpine Events.

204 Qualifications of Competitors

- 204.1** ACA or PSO shall not recognize within its structure, nor shall it issue a license or approval to participate in National races to any competitor who:
- 204.1.1** Has conducted himself in an improper or unsportsmanlike manner or has not respected the anti-doping rules,
- 204.1.5** Knowingly competes or has competed against any skier not eligible according to the National Rules.
- 204.1.6** Has not signed the FIS Athletes Declaration and/or ACA membership waiver,
- 204.1.7** Is under suspension.
- 204.2** With the issuance of a license or approval to participate in National races and race entry ACA and/or Provincial Ski Association confirms, that valid and sufficient accident insurance for training and competition is in place for the competitor and assumes full responsibility. Alpine Canada and the CSA mandate that all International and national FIS licensed athletes purchase SAIP in order to be eligible to race.

205 Competitors Obligations and Rights

- 205.1** The competitors are obliged to make themselves familiar with the appropriate FIS and National Rules and must comply with the additional instructions of the Jury.
- 205.2** Competitors are not permitted to compete while under the influence of doping.
- 205.3** Competitors must follow the FIS and National rules and regulations and instructions of the Jury.
- 205.5** Competitors must behave in a correct and sportsmanlike manner towards members of the Organizing Committee, officials and the public.
- 205.8** Competitors, trainer, team officials and technical officials are prohibited from betting on the outcome of competitions in which they are involved.

210 Organization of Competition

211 The Organization

211.1 The Organizer

- 211.1.1** The organizer of a National competition is the person or group of persons that make the necessary preparations and directly carry out the running of the competition in the resort.
- 211.1.3** The organizer must ensure that accredited persons accept the regulations regarding the competition rules and Jury decisions.

211.2 The Organizing Committee

The Organizing Committee consists of those members (physical or legal) who are delegated by the organizer. It carries the rights, duties and obligations of the organizer.

212 Insurance

- 212.1** National calendared and PSO calendared events included in the ACA calendar are covered by the CSA/ACA liability insurance and include all members of the Organizing Committee. The policy explicitly includes liability insurance claims by any accredited participant, including athletes, against any other participant including but not limited to officials, course workers, coaches, etc.
NOTE: Quebec has a separate policy from the ACA/ CSA Policy.

213 Program

A program must be published by the organizers for each competition listed in the National Calendar which must contain the following:

214 Announcements

- 214.1** The Organizing Committee must publish an announcement for the event. It must contain the information required by art. 213.
- 214.2** Organizers are bound by the rules and decisions of ACA &/or PSO in limiting the number of entries.

215 Entries

- 215.1** All entries must be sent so that the Organizing Committee receives them before the final date of entry.
- 215.3** Every entry should include:
 - 215.3.1** Code number, name, first name, year of birth, club and/or PSO

215.6 Foreign Race Entries and Eligibility – Non-FIS:

- 215.6.1 Entries into USSA National Points events including CanAm / AmCan events must flow through and be approved by the applicable Provincial Sports Organization (PSO) and USSA. Similarly, USSA entries to Canada hosted events must flow through the host PSO and USSA. Entries must be received at least five (5) days prior to the first team captains meeting for the event.
- 215.6.1.1 Entrants into Canada and USSA National Points events must have under 120 National Points in one of the disciplines being contested in a particular race series. Any exceptions or extensions are at the discretion of ACA and USSA. Formal written requests must be received prior to the event. In Canada, requests must flow through the PSOs to ACA.
REWORD:
As a minimum standard to be considered for qualification to race in the US athletes should have at least 120 points or better in one of the disciplines being contested in any series. Entry for athletes with greater than 120 FIS points is at PTSO discretion.
- 215.6.2 Entries of ACA registered athletes into other foreign National Points events must flow through and be approved by ACA and the applicable National Sports Organization (NSO). Similarly, other foreign entries into Canada hosted events must flow through ACA from the applicable NSO. Entries must be received at least five (5) days prior to the first team captains meeting for the event. Alternatively, foreign athletes attending academies / school in Canada may join as ACA/PSO members and be entered into national points events as CAN entries.
- 215.6.3 Canadian athletes attending foreign academies and registered with the NSO of foreign academy may compete as a foreign entry / entry of that nation. Such athletes may not compete as Canadian entries in Canada or elsewhere unless they are registered ACA/PSO athletes at the time their entries are submitted for a competition/event.
- 216.6.4 Any athlete attending a foreign nation including US race MUST have taken out SAIP insurance through their province in accordance to their travel, training or race schedule.

216 Team Captains' Meetings

- 216.4 Team captains and trainers must obey the ICR and National rules and the decisions of the Jury and must behave in a proper and sportsmanlike manner.

221 Medical Services, Examinations and Doping

- 221.3 Doping is forbidden.

221.6 Medical Services Required from Event Organizers

The health and safety of all those involved in a National calendared competition is a primary concern of all event Organizers. This includes the competitors as well as volunteers, course workers and spectators.

The Organizer / The Chief of Medical and Rescue Services must confirm with the technical delegate that the required rescue facilities are in place before starting the official training or competition. In the event of an incident, the back-up plan must be in place before recommencing the official training or competition.

222 Competition Equipment

222.1 A competitor may only take part in a National competition with equipment which conforms to the FIS or Nationally approved Regulations. A competitor is responsible for the equipment that he uses (skis, bindings, ski boots, suit, etc.). It is his duty to check that the equipment he uses conforms to the FIS specifications and general safety requirements and is in working order.

222.2 The term competition equipment encompasses all items of equipment which the competitor uses in competitions. This includes clothing as well as apparatus with technical functions. The entire competition equipment forms a functional unit.

Skis:

ACA may specify ski length and radius for national events. Physical development, ability and skills must be considered for equipment. Please refer to the National Rules and Policies document for the current competition season.

Athletes competing in FIS events must compete on equipment that respects FIS rules. This includes International Children races.

Helmets:

Ski helmets specific to alpine skiing are mandatory at all times and must be in accordance with FIS compliant rules.

Transitional rule 2015-2016 for U14 & U16 (GS, SG, DH)

Alpine Canada Alpin is following the transitional rule for the 15-16 season regarding introduction of new FIS helmet regulations. No changes will be made for helmet rules within Canada for the 15-16 season.

The new helmet rules will be applicable to Canada in the 2016/2017 season.

Please note that USSA have introduced the new helmet rule for all U14 & U16 races in the 15-16 season. Any athlete attending a USSA race must conform to the USSA helmet rule for 15-16 and beyond.

It is highly recommended that any U14 and older athletes requiring new helmets look to purchase the new FIS approved models moving forward. Athletes will be able to wear the higher conformity helmet (SNELL 98 and new FIS standard) for the 15-16 season should they choose to.

FIS sanctioned events including FIS children's races are governed by the FIS equipment rules.

Please refer to the FIS site for a full details of the new FIS helmet rules and regulations.

1. NATIONAL COMPETITION LEVELS

1.1 NON POINTS RACES

1.1.1 Age Group

Category	Age Group
Entry Level	6 -11 years old
PSO and National Points Series	12 - 19 years old
Master Series	18 years old and older

1.1.2 Non Points Programs

Entry Level:

Category	Age Group
U10	8 - 9 years old
U12	10 - 11 years old

The major Non Points racing program is the **Entry Level** which the regulations and criteria are uniform across Canada with their own set of rules and criteria for children ages 6-11. The Entry Level series is training and racing program designated to encourage children to ski race without subjecting them to intense competitive pressures.

Running in conjunction with the Entry Level series is the **Snow Stars Program** that develops skiing skills through games, exercises, drills and purposeful free skiing. Seven levels of skills are recognized and each youngster progresses through each skill at his/her own rate.

Masters Alpine Series: The **Master Alpine Series** is a program that provides an opportunity for adults of all ages to participate in a structured racing program. Races are held in each of the provinces as well as calendared National events.

1.2 NATIONAL POINTS RACES

1.2.1 Age Group

Category	Age Group
National Points Races	
U14	12 - 13 years old
U16	14 - 15 years old
U18	16 - 17 years old
U21	18 - 20 years old

The above age groups are recognized across Canada and based on age as of Dec. 31:

1.2.2 Point Programs

The points program is one in which each competitor must possess a current ACA competitor card and number. The races are entered into the National Points system.

The card system has been designed to accomplish several objectives:

- a) To provide a national registration system for competitors;
- b) To provide a graduated points scoring system, the National Points list in each of the alpine disciplines.
- c) To provide a means to measure the performance of a competitor upward through national levels.
- d) To provide a record of all participants for insurance purposes.

Competitors may not race in ACA sanctioned events that are submitted for input to the national points list without a valid competitor card. ACA sanctioned events include all the races that appear on National and provincial race calendars.

Non-point and point programs are based on age categories. The age categories can be found on the ACA Points web site www.acapoints.ca

2 NATIONAL POINT RULES

2.1 NATIONAL POINTS LIST - MEMBERSHIP RENEWAL

The National Competitor registration date is December 1 annually. Registration is done through the ACA Points online registration system or via csv upload. It is the individual clubs and PSO's responsibility to ensure their members are registered correctly in the system. Each athlete must be a registered member with Alpine Canada Alpin to appear on the National Points List.

2.2 RULES FOR ACA NATIONAL POINT RACES

- 2.2.1 FIS equipment rules must be used for national training and race events.
E.g. Alpine race helmets must be used at all levels of National events – Entry Level to Masters.
- 2.2.2 National points Super G races should be run on FIS SG/GS Homologated courses. For Super G races calendared on lower elevated slopes, PSO approved is needed. The Provincial Sport Organizations must ensure that athlete security is appropriate to the venue.
- 2.2.3 The total number of national points race starts in a season is not monitored or limited but ACA highly recommends following the guidelines on the number of competitions per age group on page 38 of AIM 2 WIN.
- 2.2.4 The National Kinder Kombi '**F**' factor will be used for both Technical 'SL – GS' Kombi races and Speed 'SG – GS' Kombi races.
- 2.2.5 Kinder Kombi "F" Factor is the average of the SL & GS "F" Factor.
- 2.2.6 The maximum National race points is 999.00
- 2.2.7 Technical Delegate must confirm the computer race program being used provides correct ACA penalty calculation fill-ins and maximum values, and also provides correct competitor race points for all disciplines, SL, GS, SG, SC, KK.
- 2.2.8 National race results will automatically default to "Yes" for scoring when uploaded. If not to be scored, Cameron Regan (cameron.regan@gmail.com) – ACA Points Chair, the respective PSO Officials Chair and the National Officials Chair (officials@alpinecanada.org) must be notified.
- 2.2.9 All protests related to the scoring or non-scoring of a National race will be heard by the National Officials Committee. This committee, made up of the PSO Officials Chairs of ON, SQA, AB, BC and CD will determine the race outcome. Protests must be directed to the National Officials Chair at officials@alpinecanada.org

2.3 PENALTY CALCULATIONS:

For ACA National Point Races:

The maximum penalty value for a National Level race is **500.00**.

The "Fill In" point is to be used in case there are less than five racers with NATIONAL points is **500.00** for all discipline. This fills in must also be used if the racer's points are over **500.00**

If less than 5 competitors in the penalty calculation, the seed fill-in is 500, the race point fill in is 0.00.

No “**ADDER**” is used for scoring National level races
No “**Z**” factor’s is used for scoring National level races

2.4 FURTHER ACA RACE POINT INFORMATION

Available on www.acapoints.ca

- Age Categories
- Point List Publications
- Race Result Submission
- Race Point Calculations
- National Points Calculations Rules
- Racer Eligibility

2.5 NUMBER OF RACE STARTS

Consistent with FIS ICR 607.3 that limits the number of race starts that will be counted for the points of U18 FIS athletes. Results for FIS athletes that exceed the number of permitted starts in a season will not be counted. ACA does not limit the number of race starts that will be counted for National Race Points but highly recommends following the guidelines on number of competitions per age group on Aim 2 Win.

3 NATIONAL CERTIFICATION OF OFFICIALS

3.1 REQUIREMENT FOR OFFICIALS CERTIFICATION

To be recognized as certified Officials an individual must be registered as a member of Alpine Canada Alpin and maintain their registration on an annual basis. Registration can be done at the ski club level, or through the officials home PSO. Membership in ACA includes liability insurance while the Official is involved with race competitions/events/activities and working within their certification level.

3.2 NATIONAL OFFICIALS PROGRAM CERTIFICATION

The National alpine officials program is a structured and integrated program consisting of four levels of alpine Officials and four levels of Technical Delegates.

The following are the various levels of alpine Officials: After Level 1 – each requires specific practical experience to move on to the next Level.

- **Level 1** - entry-level course providing overall introduction to race organization and the various Officials positions
- **Level 2** – a detailed introduction to alpine ski racing and the roles and duties of various Officials positions. Specific practical experience is required.
- **Level 3** - designed for Officials with considerable practical experience, covers the duties of senior Officials, course preparation, maintenance and setting, as well as calculations of points and penalties
- **Level 4** - be recommended to the National Officials Committee by the PSO Officials Chair. Level 4 Officials are the most experienced Officials, having showed a superior level of ability.

- **Regional Technical Delegate** – (only in Ontario) Level 2 Official requires certification following recommendation by the Divisional and PSO Officials Chair
- **PSO Technical Delegate – Technical (T)** Level 3 Official requires certification following recommendation by PSO Officials Chair
- **PSO Technical Delegate – Technical/Speed (T/S)** above qualification with speed experience and recommended by PSO Officials Chair
- **National Technical Delegate** - PSO TD (T) &/or (T/S) or licensed FIS TD recommended by the PSO Officials Chair to the National Officials Committee

3.3 MAINTAINENCE OF CURRENT LEVEL OF CERTIFICATION

Upon qualification, the initial period of certification is as follows:

Level I & II -	Three years
Level III -	Three years
Level IV -	Two year

Once obtaining a specific level of certification, there are practical and, in some cases, other requirements to maintain certification after the initial period of certification has expired i.e. if an Official does not meet the criteria, then the certification is not extended past the initial certification period.

Requirements:

Level I:	Minimum	Activity as an Official
Level II:	Minimum	2 event assignments (4 race days) in a 3 year period and Update*
Level III:	Minimum	2 event assignments (4 race days) a year and Update*
Level IV:	Minimum	2 event assignments (4 race days) per year, at the TD or Chief level or to the satisfaction of the Official Chair. Attend Officials update clinic every other year.

- * Level II and III Officials must also update every two years. The methodology of the update is at the discretion of the PSO Officials Chair.

Note: Officials who do not meet these criteria will lose their officials are removed from the Officials List.

4 National Qualifications for Jury Members and Other Officials

There is an established policy for qualifications of Officials Jury members as noted

4.1 CERTIFICATION OF RACE OFFICIALS FOR FIS EVENTS

Chief of Race	Level III Official
Start & Finish Referees,	Level II Official
Referee & Ass't Referee	Level II Official or CSCF Performance Level (Trained) certification
Chief of Course	Level II Official
Chief of Gate Judges	Level II Official

4.2 CERTIFICATION OF RACE OFFICIALS FOR NON-FIS SPEED EVENTS

Technical Delegate	Minimum of PSO Technical Delegate with certification in DH/SG events.
Referee	Minimum of CSCF Development Level (Trained) coach certification, and any of: a) Level II Officials certification, b) CSCF Rules and Regulations Module, c) PSO, National or FIS Technical Delegate with DH/SG certification.
Assistant Referee	Same as for Referee except CSCF Development Level coach certification not mandatory
Chief of Race	Level II Officials certification
Start Referee	Level II Officials certification
Finish Referee	Level II Officials certification

4.3 CERTIFICATION OF RACE OFFICIALS FOR NON-FIS TECHNICAL EVENTS

Technical Delegate	Minimum of Divisional Technical Delegate
Referee	Minimum of CSCF Entry Level (Trained) coach certification, and any of: a) Level II Officials certification, b) CSCF Rules and Regulations Module, c) PSO, National or FIS Technical Delegate with DH/SG certification.
Assistant Referee**	Same as for Referee except CSCF coach certification not mandatory
Chief of Race	Level II Officials certification
Start Referee	Level II Officials certification
Finish Referee	Level II Officials certification

****Note:** For Technical Events, the position of Assistant Referee is optional.

4.4 U10, U12 AND OTHER NON POINT RACES

It is recommended that the execution of races in this category follow the organization structure described in section 4.3 with an assigned Technical Delegate and a Jury. It is understood that in the interest of promoting alpine racing at the grass roots, it is not always practical to do so. To that end, the use of Technical Advisors (Level 2 and higher Officials with practical race experience to assist Entry Level events is recommended. The host Club executive should assign an experienced club Official as a technical advisor to work with the ROC and assist with planning and completion of EL race event.

4.5 MASTERS SERIES RACES

For ACA sanctioned Masters Races, Jury and certification of Officials is the same as PSO guidelines for non-FIS Technical events and for SG events. The Technical Delegate will be appointed by the PSO Officials Chairman and will be a minimum PSO TD. Participating competitors cannot be part of the Jury.

4.6 APPOINTMENT OF TECHNICAL DELEGATES

Technical Delegates are appointed as follows:

PSO & Local Races

TD's for races are appointed by the Division (Ontario only) and PSO Officials Chair or their designate. In making these appointments, consideration is given to the level of race, its location and the qualifications of the TD.

Provincial Championships, and Can-Am

TD's for these races are appointed by the PSO Officials Chair or designate.

Western and Eastern Championships

National TD for these races is appointed by the hosting PSO Chair or designate

National Canadian U14 and U16 Championships

National TD is appointed by the National Officials Chair in consultation with the National Officials Committee.

4.6 APPOINTMENT OF FORERUNNERS

For FIS and National Calendared Races: Forerunners are appointed per the FIS ICR and must sign an ACA athletes declaration prior to participation in the event.

5. Types of Races

FIS alpine racing rules are used for National Children's races and Master's races. Master's races have National technical specifications.

Refer to the ICR for rules applying to the following race events:

- Slalom SL includes Single Pole SL events
- Giant Slalom GS includes Single Pole GS events
- Super G SG
- Alpine Combined SC/AC [formerly "super combined"]
- Kinder Kombi KK
- Ski Cross SX

The National race program provides a Points list for each of the above disciplines at www.acapoints.ca

5.1 SEEDING NATIONAL POINT RACES

FIS rules apply for seeding competitors in their first National race start in the above disciplines except for the first Super Combined (SC) event run in conjunction with a Super G race. The following method of seeding for a National SC event applies:

5.1.1 Point Seeding Info for SG Race in a SC Race Event

In a race event with a calendared SC race and SG race, the following method is “how” to seed a race with the "SG" points then change it into a "SC" race.

ROC and in particular the Chief of Administration/Race Office must be aware of this method in order to seed and score the SG race and SC event correctly.

The Technical Delegate, Chief of Race and Coaches must be aware of the use of SC points for the draw and then the use of SG points and SC points for each race.

In order to keep National SG and SC Race points pure for National calendared SG races and National calendared SC races the Race Secretariat must do the following:

1. Create a race using SC points
2. Do the draw using SC points
3. Copy the SC race exactly points and ALL
4. Change the copied race to a SG - (This leaves the Bib Numbers the same for both races BUT changes the SC points to SG points for the penalty calculation).
5. Create Run 1 Start Lists for both races.
6. Enter Run1 results in both races - (SG is now ready for official result calculations)
7. Create a Run 2 Start List for the SC race.
8. Enter Run 2 (SL results) into the SC race and calculate the SC Penalty and Official Results.

5.2 NATIONAL TECHNICAL SPECIFICATIONS FOR RACE COURSES

Vertical drops and number of turns

Except as noted in 2.2.2. and below, the technical specifications of the ICR for Alpine apply.

		U21	U18	U16	U14
SG	Max VD			450	
	Min VD	450m Men, 400m Ladies		250	
	DC	7% FIS, 6% WC/COC		8% - 12%	
GS	Max VD			350	
	Min VD	220 Men, 200 Ladies		200	
	DC	11% - 15%		13% - 18%	
	Distance			27m	
SL	Max VD			160	
	Min VD			100	
	DC	30% - 35%		32-38%	
	Distance			12m Delay gate max distance turning pole to turning pole: 15m	10m Delay gate max distance turning pole to turning pole: 15m

		U21	U18	U16	U14
KK (608.12)	Max VD			200	
	Min VD			120	
	DC			10-12%	
	Distance (SL/GS)			ICR 608.12.3.3	
	Distance (GS/SG)			ICR 608.12.4.2	
Parallel	VD			100	
	DC			20-30	

5.2.1 National Children's Technical Requirements

See current ICR and Precisions for CHI technical specifications as a guideline for the jury, taking into account course specifications. Juries, on the recommendation of the Referee and Course Setter, may approve course setting / change of direction counts that the juries feel necessary for the security of the athletes, taking into consideration age group, turn shape achievable using the equipment available to the mean of the field, length of the course due to lack of steepness, etc.

U10, U12 SL stubbie gate events follow the same technical specifications as SL and single pole SL but use stubbie gates (refer to Snow Board ICR 2089.2.1 *Stubbie Poles* for gate specification).

5.2.2 National Points Race Technical Requirements:

See current ICR and Precisions for technical specifications as a guidelines for the jury, taking into account course specifications. Juries, on the recommendation of the Referee and Course Setter, may approve course setting / change of direction counts that the juries feel necessary for the security of the athletes, taking into consideration age group, turn shape achievable using the equipment available to the mean of the field, length of the course due to lack of steepness, etc.

5.2.3 National Master's Technical Requirements

National Master's race technical requirements are a combination of FIS level and FIS CHI level rules. The combination of rules was approved by the National Master's executive in 2008 to best suit the needs of the age groups from 18 - 85 years of age

Changes from the FIS Master's rules include:

- shorter minimum and maximum vertical drops for SG, GS and SL.
- AL - Children's min/max # of gates
- GS - minimum VD of 12%

The race jury will decide on all technical requirements.

Alpine Combined* (Ladies & Men)

Minimum # of Direction Changes: 8% of vertical drop
Maximum # of Direction Changes : 10% of vertical drop

Note: Downhill and Super G courses must be measured

GIANT SLALOM* (Ladies & Men)

Min # Direction Changes: 13% of vertical drop
Max # Direction Changes: 15% of vertical

SLALOM* (Ladies & Men)

Minimum & Maximum # of direction changes 30 - 35% +/-3

Slalom courses must contain open and closed gates as well as 1 to 3 vertical combinations (flushes), at least 3 hairpin combinations and should contain a minimum of one and maximum of three delay gates.

***NOTE:** *Only those gates requiring a change of direction are to be counted.*

6. THE RACE COURSE COMPONENTS

Three main areas of the race course: **Start, Course and Finish** are outlined in the ICR.

The National GS finish line minimum differs from the ICR rule 615.2 of 10m. The required width is wider than the FIS rule.

A minimum of 15 metres is required for the Kinder Kombi finish line.

Discipline	Minimum Finish Line Width
Giant Slalom (GS)	15 m
Kinder Kombi (KK)	15 m

7. NATIONAL TIMING RULES

Timing rules for National race events are based on the most current version of FIS timing rules. In addition to the FIS timing rules there are a number of National timing rules that amend the FIS rules for use at ACA and PSO sanctioned races.

FIS Timing rules are available in the current addition of the ICR, the Precisions and the FIS Timing Booklet. Timing information including equipment set-up, set-up diagrams, technical installations, the start gate and photo cells, and criteria for approved FIS timing devices is provided in the FIS Timing Booklet.

National timing rules with their modifications of the FIS timing rules should be used at all ACA and PSO calendared races.

7.1 TIMING EQUIPMENT

- It is highly recommended electronic timers, start gates and photo cells be homologated as per the FIS standards for all National calendared races.
- Clubs interested in purchasing new equipment should review the list of homologated equipment in the FIS Timing Booklet prior to making a purchase decision.

7.2 ELECTRIC TIMING

- For all provincial U14 and U16 championships, U16 Western & Eastern Championships, U16 Can-Am and National Master Championships; two synchronized electronically isolated timing systems operating in time-of-day must be used.
- For all other ACA National calendared races a minimum of one electronically isolated timing system operating in time-of-day is required. It is recommended the ROC use a second synchronized timing system for all races if they so choose. ROC's using one electronic timing system should consider synchronizing with their manual timing system.

7.3 HAND TIMING

Manual (hand) timing is mandatory for National as well as FIS races. Manual timing must be completely separate and independent of the electronic timing and must be used for all competitions listed on the National race calendar.

Stopwatches or hand operated battery powered timers that are installed at both the start and the finish and capable of expressing times to at least 1/100th (0.01) precision qualify as proper hand timing devices. If stopwatches are used 2 watches should be available at the start and 2 watches at the finish.

The watches should be synchronized prior to the start of each run.

The watches can also be synchronized with the electronic timing system. Printed records, either automatic or hand-written, of recorded hand times must be immediately available at the start and at the finish. At the end of each run the hand time records are to be delivered to the Chief of Timing.

7.4 NATIONAL TIMING REPORT

Preparation of a Technical Timing Report is recommended.

REFERENCES:

Further National Officials information is available on the Alpine Canada Alpin web site alpinecanada.org/officials.

Questions can be directed to officials@alpinecanada.org or any of the National Officials Committee members at listed on the Members tab at <http://www.alpinecanada.org/officials> .