

## CANADIAN SETTING GUIDELINES FOR CHILDREN ALPINE SKI RACING - Alpine Canada Alpin - April 2008

Age	Events	Duals	Kombi (see FIS guidelines)	Slalom	Giant Slalom	Super G
<b>E1</b> <b>6,7,8</b>	Vertical drop	60 M	100 - 120 M	100 M max	120 M max	
	Number of gates	SL 20-30 GS 15-20	25-30	20-25	25 max	
	Vertical distance	SL 4-6M GS 10-14M	GS 12-16M Panels	4-6M Stubbies	14-18M	60CM gates if available
	Type of gate	Stubbies Panels	Stubbies Panels	Stubbies	60CM gates if available	
	Turn shape	1/2 - 3/4	1/2	1/2 - 3/4	3/4 full	
	Combinations	Stubbies to GS possible	Mini 4 sections	Only single stubby each turn		
	Number of runs	Multi	Multi single run races	Multi	Multi	
	Snowstars level	2,3,4	2,3,4	2,3,4	2,3,4	
	Vertical drop	60-80 M	140 M max	100 M	180 M max	200 M max
	Number of gates	SL 25-35 GS 20	40 max	25-35 max	13-15%	13-15%
<b>E2</b> <b>8,9,10</b>	Vertical distance	SL 5-8M GS 12-18M	SL 4-8M GS 14-18M SG 30M Panels	4-8M Stubbies	20M	35M max
	Type of gate	Stubbies Panels	Stubbies Panels	Stubbies	60CM gates if available	60CM gates if available
	Turn shape	1/2 - 3/4	1/2 - 3/4	Vertical 3/4	1/2 full	3/4 full
	Combinations	Stubbies to GS possible	Mini 5 sections	Only single stubby each turn		
	Number of runs	Multi/individual timed courses	Multi single run races	Multi single run races	Multi single run races	Multi (2) if possible
	Snowstars level	4,5,6	4,5,6	4,5,6	4,5,6	4,5,6
	Safety			Shin guards		
	Vertical drop	60-80 M	170 M	120 M max / 100 M max multi runs	250 M max / 200 M max multi runs	225-350 M
	Number of gates	SL 25-30 GS 15-25	50 max	30-35% +3	13-15%	8-10%
	<b>K1</b> <b>11,12</b>	Vertical distance	9-11M 20M	SL 4-9M GS 14-18M	Closed 5-6M Open 9-11M	22M
Type of gate		Stubbies/Long gates/Panels Long gates - 60cm / 25/27mm	Stubbies/Long gates/Panels Long gates - 60cm / 25/27mm	50% Stubbies races 50% long gates Long gates - 60cm / 25/27mm	Panels 27mm diameter	Panels Double screw in
Turn shape		1/2 - 3/4	all	Vertical and full	3/4 full	Speed control
Combinations		None	Mini 5 sections	Max 2 hairpins / Max 1 flush		
Number of runs		Multi/individual timed courses	Multi single run races	Tradi or multi	Tradi or multi	Multi (2) if possible
Snowstars level		6,7	6,7	6,7	6,7	6,7
Safety		Protective gear	Protective gear	Protective gear	Consider spine protectors	Spine protectors
Vertical drop		80 M		160 M max	250 M/2 runs - 300 M/ 1 run	250-450 M
Number of gates		SL 25-30 GS 15-22	GS 15-22	30-35% +3	13-15%	8-10%
<b>K2</b> <b>13,14</b>		Vertical distance	10-12M 20M	10-12M 20M	Closed 5-6M Open 10-12M	26M max
	Type of gate	Long gates Panels	Long gates Panels	Long gates - 72CM / 27MM	Panels	Panels
	Turn shape	3/4	1/2 - 3/4	Verticals and full	1/2 - full	Speed control
	Combinations	None	None	Max 3 hairpins / Max 2 flush		
	Number of runs	Multi/timed courses /Knockout		Traditional	Traditional	Traditional
	Safety	Protective gear	Protective gear	Protective gear	Consider spine protectors	Spine protectors

- All race slopes should be adequately netted for skier protection (see run homologation reports)
- Events should be run with FIS approved timing systems (reliable portable timing systems should only be used in special circumstances at the entry level)
- Snow surface should be man made snow or heavily worked natural snow
- Technical event slope width 30M inside safety, speed event slope width 40M inside safety

