

**2105 CANADA WINTER GAMES – VENUE REQUIREMENTS (DRAFT)  
FACILITIES – Version 1.0 (January 2009)**

All facilities and competition equipment must meet the Canada Games' Minimum Venue Requirements, and Practice/Warm-up Requirements. The ability of a bid committee to meet enhanced competition or practice venue requirements will be considered in the evaluation. Provided below is a summary of the key pieces of venue information required to host the Canada Games. More details on markings, equipment, measurements, etc. are available from the Canada Games Council and the National Sport Organization's rulebooks. However, for the purpose of the Canada Games bid, the information below should be sufficient for a bid committee to determine its ability to host and create Class "C" capital budgets for each sport on the Canada Games program. The detailed venue requirements will be made available to the bid communities in June 2009, and the selected host community will be required to adhere to the Canada Games standards as outlined in the detailed venue requirements.

<b>Sport</b>	<b><u>Minimum</u> Competition Venue Requirements</b>	<b><u>Enhanced</u> Competition Venue Requirements</b>	<b><u>Practice/Warm-up</u> Venue Requirements</b>
Alpine Skiing	<ul style="list-style-type: none"> <li>■ Hills used for Slalom, GS, and Super G must be homologated by a designated FIS Homologation Inspector two years prior to the Games               <ul style="list-style-type: none"> <li>○ Slalom: FIS Vertical drops: Men – 140-220m; Ladies – 120-200m. The piste for slalom events should be as hard as possible, with slope gradients of approximately 33 – 45%.</li> <li>○ Giant Slalom: FIS Vertical drops: Men – 250-450 m; Ladies – 250-400 m. The hill should be undulating and hilly</li> <li>○ Super-G: FIS Vertical drops: Super G Men – 500 – 650 m; Ladies 350-600 m. It should be hard with no abrupt terrain changes.</li> </ul> </li> <li>■ Wax building at base of mountain</li> <li>■ Start/finish areas</li> <li>■ Buildings must be accessible for skiers and persons with a physical disability</li> <li>■ 6 day schedule</li> </ul>		<ul style="list-style-type: none"> <li>■ Same as competition venue</li> </ul>

Archery	<b>INDOOR:</b> <ul style="list-style-type: none"> <li>▪ Large double gymnasium</li> <li>▪ Lighting: 1000 LUX</li> </ul>		<ul style="list-style-type: none"> <li>▪ Same as competition venue</li> </ul>
Artistic Gymnastics	<ul style="list-style-type: none"> <li>▪ Field house, congress center or an Olympic size ice rink or a similar venue</li> <li>▪ Competition floor: minimum 110' X 160'</li> <li>▪ Ceiling height minimum: 6.5m above the floor</li> <li>▪ Floor surface: synthetic or wood floor;</li> <li>▪ Athlete seating: 100 for athletes and coaches not in competition.</li> </ul>		<ul style="list-style-type: none"> <li>▪ Training gym approximately 70' X 140' adjacent to the competition area, with several ceiling and floor requirements</li> </ul>
Badminton	<ul style="list-style-type: none"> <li>▪ Gymnasium that can accommodate 8 courts (6.1m x 13.4m);</li> <li>▪ Additional space of minimum 5 ft perimeter on all 4 sides of each court.</li> <li>▪ Can be 4 x 4 back to back with a 10 foot curtain separating the two quads</li> <li>▪ Walls and ceiling should be medium to dark color</li> <li>▪ Floor: hardwood is preferred surface</li> <li>▪ Lighting: 1000 LUX minimum of 30 ft. above the court</li> <li>▪ Ceiling should be minimum of 30 ft. height without obstructions</li> <li>▪ Bleachers for public should be at least 10 ft. from the field</li> </ul>		<ul style="list-style-type: none"> <li>▪ Same as competition venue</li> </ul>
Biathlon	<ul style="list-style-type: none"> <li>▪ The range must be constructed in accordance with IBU Rules and have a minimum of 24 mechanical targets, firm and level surfaces, 2.7 - 3.0 m (3.75 m is ideal) marked lanes,</li> <li>▪ Safe and good access and exit (left to right) to penalty loop</li> <li>▪ Penalty loop is 300m within 60m from the range exit</li> <li>▪ The ideal trail configuration is to have one 4 km loop with cut-offs for the other required distances (4, 3.3, 3.0, 2.5, 2.0 and 1.5 km)</li> </ul>		<ul style="list-style-type: none"> <li>▪ 1 trail approximately 600 m long must be set near the team huts area</li> </ul>
Boxing	<ul style="list-style-type: none"> <li>▪ Field of play : Ring of 20 ft. X 20 ft., 3-3 ½ ft above the floor with 4 ft. outside perimeter in a gymnasium;</li> </ul>		<ul style="list-style-type: none"> <li>▪ 2 separate warm up areas in the competition venue</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Lighting on the ring : 1000 LUX</li> <li>▪ Lighting around the ring should be dimmed;</li> </ul>		<ul style="list-style-type: none"> <li>▪ 1 training facility/ boxing with equipment</li> </ul>
Cross Country Skiing	<ul style="list-style-type: none"> <li>▪ Competition venue must be homologated by FIS and a NSO representative.</li> <li>▪ Courses: aim to provide two independent 3.75 km loops, one for Free and one for Classic. Each of these loops will have cutoffs designed to create a 2.5 km and a 3.3 km course.</li> <li>▪ Stadium area: a relatively flat area of 150 m by 45 m that is oriented to provide good flow into the course terrain;</li> <li>▪ Vertical climb ability must be able to reach a minimum total of 30m throughout course (not in one location).</li> <li>▪ Course must consist of one "A climb" of at least 30m in elevation change</li> <li>▪ Lynx finish camera system is required for all mass start and sprint events</li> <li>▪ Venue seating: areas must be accessible for the public at the start / finish line and around the course. These areas are standing spaces</li> <li>▪ Ancillary facilities are accessible to persons with physical disabilities</li> <li>▪ 6 days of competition</li> </ul>	<ul style="list-style-type: none"> <li>▪ Vertical climb ability must be able to reach a total of 50 or more metres throughout course (not in one location).</li> <li>▪ Course must consist of one "A climb" of 50m in elevation change</li> </ul>	<ul style="list-style-type: none"> <li>▪ a suitable hill for glide and wax testing within 1 km of the venue but not on the race course;</li> <li>▪ warm-up track approximately 1km in length</li> </ul>
Curling	<ul style="list-style-type: none"> <li>▪ Minimum of 5 sheets of curling ice (Men's and Women's events run in separate weeks)</li> <li>▪ Field of play dimensions: Refer to the Canadian Curling Association Official Rule Book</li> <li>▪ No additional space require around the field</li> <li>▪ Regular lighting of the venue except if it is necessary to upgrade for broadcasting (1000 LUX)</li> </ul>		<ul style="list-style-type: none"> <li>▪ Same as competition venue</li> </ul>
Figure Skating	<ul style="list-style-type: none"> <li>▪ 1 skating rink 200' X 85' for competition;</li> <li>▪ Lighting : 1000 LUX;</li> <li>▪ Specific electronic results system required.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Adjacent rinks</li> <li>▪ Sound barrier between adjacent rinks</li> </ul>	<ul style="list-style-type: none"> <li>▪ 1 additional rink 200' x 85' for practice</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Participant seating: 200</li> </ul>		
Freestyle Skiing	<ul style="list-style-type: none"> <li>▪ Hills homologated by a designated FIS homologation inspector</li> <li>▪ Field of play dimensions: <ul style="list-style-type: none"> <li>○ Moguls: 35M wide, Length 235M +/- 35M, Incline 26 degrees +/- 4</li> <li>○ Aerials: 24m wide</li> <li>○ Half Pipe: similar to snowboard</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>▪ Same as competition venue</li> </ul>
Hockey	<ul style="list-style-type: none"> <li>▪ 2 hockey arenas, 200' x 85' (Men's and Women's events run in separate weeks)</li> <li>▪ 1 arena with minimum seating for 2,500 spectators</li> <li>▪ Lighting: 1000 LUX</li> </ul>	<ul style="list-style-type: none"> <li>▪ 2 arenas with seating for 2,500 spectators</li> <li>▪ 1 arena with seating for 5,000 spectators</li> <li>▪ 2 practice hockey arenas</li> </ul>	<ul style="list-style-type: none"> <li>▪ 1 hockey arena, 200' x 85'</li> </ul>
Judo	<ul style="list-style-type: none"> <li>▪ 3 fields of play: 42' X 42' with a 3 m buffer around outside perimeter</li> <li>▪ Seating space for participants (200) separate from the public.</li> <li>▪ Lighting: 1000 LUX</li> </ul>		<ul style="list-style-type: none"> <li>▪ Adjacent: 1 additional area with mat for practices</li> </ul>
Ringette	<ul style="list-style-type: none"> <li>▪ 2 hockey arenas, 200' x 85'</li> </ul>		<ul style="list-style-type: none"> <li>▪ 1 hockey arena, 200' x 85'</li> </ul>
Shooting	<ul style="list-style-type: none"> <li>▪ Large double gymnasium</li> <li>▪ Shooting range</li> </ul>		<ul style="list-style-type: none"> <li>▪ Same as competition venue</li> </ul>
Snowboard	<ul style="list-style-type: none"> <li>▪ Hills homologated by a designated FIS homologation inspector</li> <li>▪ Rules in effect are the FIS International Ski Competition Rules.</li> <li>▪ Field of play dimensions: <ul style="list-style-type: none"> <li>○ Half Pipe: 18M wide, 140M long, + extra run-off space, incline of 14 – 18 degrees</li> <li>○ Parallel GS: 40M wide, 120-200M vertical drop, 550M long</li> <li>○ Snowboardcross: 40M wide, 500 – 900M long with zig zags,</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>▪ Same as competition venue</li> </ul>

	100-240M vertical drop		
Speed Skating	<p><b>SHORT TRACK:</b></p> <ul style="list-style-type: none"> <li>▪ One arena for competition;</li> <li>▪ Field of play:100' X 200' or 30m X 60m ice surface</li> <li>▪ Lighting: 1000 LUX</li> <li>▪ Electronic timing and photo finish equipment</li> </ul> <p><b>LONG TRACK:</b></p> <ul style="list-style-type: none"> <li>▪ 400m oval track as defined by International Speed Skating Regulations Speed Skating and Short Track Skating (ISU) 203.</li> <li>▪ Heated building or trailer with facilities and a clear visual access to the finish lines</li> <li>▪ Lighting: 1000 LUX</li> <li>▪ Electronic timing system</li> </ul>	<p><b>SHORT TRACK:</b></p> <p><b>LONG TRACK:</b></p> <ul style="list-style-type: none"> <li>▪ Artificial Ice Surface <u>or</u> Contingency Plan for warm weather</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as competition venue</li> </ul>
Squash	<ul style="list-style-type: none"> <li>▪ 4 international size courts</li> <li>▪ Glass backs for viewing</li> </ul>	<ul style="list-style-type: none"> <li>▪ Glass courts</li> </ul>	<ul style="list-style-type: none"> <li>▪ Same as competition venue</li> </ul>
Synchronized Swimming	<ul style="list-style-type: none"> <li>▪ One pool minimum 25m long X 20m wide, 8 lanes wide with long course lines and 2.5 m deep (1.2 m at the shallow end).</li> <li>▪ Minimum clearance of 1.8 m on 3 sides of the pool with fourth side wide enough ( 4m X 8m) for referee, scorekeepers, announcer and PA system</li> <li>▪ Lighting : minimum 1000 LUX</li> <li>▪ Participant seating: 100 persons</li> </ul>	<ul style="list-style-type: none"> <li>▪ Underwater lighting : 1,500 LUX</li> </ul>	<ul style="list-style-type: none"> <li>▪ Warm-up pool with same specifications</li> </ul>
Table Tennis	<ul style="list-style-type: none"> <li>▪ Field of play: 1,000 sq. ft. per table for minimum 8 tables for competitions</li> <li>▪ Additional space around the field of play for athletes and officials</li> <li>▪ The floor should have sprung (not concrete) synthetic-flooring with a plywood sub-floor</li> <li>▪ Lighting: 1000 LUX at a minimum of 15 ft. above tables</li> </ul>	<ul style="list-style-type: none"> <li>▪ 10 or 12 tables for competition</li> </ul>	<ul style="list-style-type: none"> <li>▪ 4 additional competition tables at the competition venue</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Participant seating: 80 persons</li> </ul>		
Wheelchair Basketball	<ul style="list-style-type: none"> <li>▪ 1 basketball court for competition</li> <li>▪ Field of play: see Official Wheelchair Basketball Rules Document</li> <li>▪ Ideal space around perimeter of field 10 ft on sides and 15 ft at end</li> <li>▪ Floor: wooden surface</li> <li>▪ Lighting: 1000 LUX minimum</li> <li>▪ Participant seating: 120 (accessible seating at 50%)</li> <li>▪ Team rooms for chair storage at the venue</li> <li>▪ All services of the building must be wheelchair accessible</li> </ul>		<ul style="list-style-type: none"> <li>▪ Practice: 1 field of play close to the Village or at the venue</li> </ul>