

# BIATHLON COMPETITION VENUE LICENSE **B LICENSE INSPECTION DOCUMENT**

This license document is intended for the team of inspectors issuing licenses and ought to help the National Federations in their preparations for the inspection. The various specific criteria for technical facilities set forth in the IBU Event & Competition Rules, Chapter 3 in particular, must be fully and entirely adhered to.

Meaning of chapter number coloring: ■ License requirement ■ Information/Not License requirement

TYPE OF LICENSE	VALID UNTIL
NATIONAL FEDERATION	HOST VENUE (CITY, TOWN)
NAME OF THE STADIUM	STADIUM OWNED BY

## FOR IBU INTERNAL USE ONLY!

INSPECTOR 1	DATE OF INSPECTION
INSPECTOR 2	SIGNATURE
INSPECTOR 3	SIGNATURE
APPROVED BY IBU EXECUTIVE BOARD	SIGNATURE
DATE	

REMARKS - IBU INSPECTION TEAM

**A. NATIONAL FEDERATION**

**A.1 National federation contact information**

<b>Name</b>	
Street	ZIP Code
City	Country
Telephone	Mobile
E-mail	Website
<b>Contact person at NF (at inspection visit)</b>	Function

**B. BASIC STADIUM CHARACTERISTICS**

**B.1 Stadium location description**

**Stadium name**

Venue name (city, town)

Region, county/municipality

**B.2 Stadium capacity**

**B.3 Accommodation capacity in area**

Permanent stands	Temporary stands	Courses	Within 30 km		Within 60 km		Within 90 km	
			beds	rooms	beds	rooms	beds	rooms

**C. STADIUM OPERATIONAL INFORMATION**

**C.1 Stadium owned/operated by (name) (one or more options)**

Club	Company
Municipality	Other

**C.2 Contact details of stadium owner/operator**

<b>Name</b>	
Street	ZIP Code
City	Country
Telephone	Mobile
E-mail	Website

<b>C.3 Stadium contact/responsible person(s)</b> (at inspection visit)			
Name	Function		
<b>C.4 Organizing Committee</b>			
Already existing	Name		
<b>C.5 Key persons in Organizing Committee</b>			
President	Competition Chief		
Competition Secretary	Chief of Logistics		
Medical/Anti-Doping Chief	Chief of Media		
<b>C.6 Involved in Organizing Committee</b>	Number of IBU TDs		
	Number of IBU IRs		
	Number of NRs		
<b>C.7 Permanent - temporary stadium</b>	Permanent biathlon stadium	Temporary biathlon stadium	
	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no	
<b>C.8 Temporary elements at the stadium (buildings, cabins, tents, objects...)</b>			
<b>C.9 Stadium functionality</b>	All year long		Winter only
	<input type="checkbox"/> yes <input type="checkbox"/> no		<input type="checkbox"/> yes <input type="checkbox"/> no
<b>C.10 Training and competition possibilities</b>	Winter biathlon Competitions	Winter biathlon Trainings	Summer biathlon Competitions
	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>C.11 Number of biathlon competitions already hosted</b>	National winter	National summer	International winter
<b>C.12 Owner is responsible for the operation of the stadium</b>	<input type="checkbox"/> yes <input type="checkbox"/> no		
<b>C.13 Owner is responsible for the maintenance of the stadium</b>	<input type="checkbox"/> yes <input type="checkbox"/> no		
<b>C.14 NF and the event host are entitled to host IBU events at any time</b>	<input type="checkbox"/> yes <input type="checkbox"/> no		
<b>C.15 Who ensures funding of the operation of the stadium</b>	<input type="checkbox"/> yes <input type="checkbox"/> no		

<b>D. GEOGRAPHICAL AND CLIMATE CHARACTERISTICS</b>			
<b>D.1 Is the stadium located in any kind of environmental conservation area?</b>	<input type="checkbox"/> yes <input type="checkbox"/> no		if „YES“ Type of environmental conservation area
<b>D.2 Restrictions resulting from environmental conservation area</b>			
<b>D.3 Absolute altitude above sea level</b>	Shooting range/Stadium	Highest point on the courses	Lowest point on the courses
	m	m	m
<b>D.4 Average of daily temperature per month*</b>	Month	Minimum	Maximum
	November	°C	°C
	Dezember	°C	°C
	January	°C	°C
	February	°C	°C
	March	°C	°C
* Attach temperature chart with daily temperatures (month by month) for above data, if existing.			
<b>D.5 Average snow depth per month</b>	November		cm
	December		cm
	January		cm
	February		cm
	March		cm
<b>D.6 Number of days with snow cover in winter</b>			

## 2. TECHNICAL FACTORS

<b>E. START, FINISH, SHOOTING RANGE AND COURSES</b>		
<b>E.1 Start zones according to IBU Event &amp; Competition Rules</b>	Individual start area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Pursuit start area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Mass Start start area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Relay hand-over zone	<input type="checkbox"/> yes <input type="checkbox"/> no
	Start Warm-up area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Equipment inspection point	<input type="checkbox"/> yes <input type="checkbox"/> no
	Single Mixed Relay hand-over zone	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 1</b>	Map of Single start area with warm-up area and equipment inspection point (.jpg, .pdf)	
<b>Annex 2</b>	Map of Pursuit start area with warm-up area and equipment inspection point (.jpg, .pdf)	
<b>Annex 3</b>	Map of Simultaneous start area with warm-up area and equipment inspection point (.jpg, .pdf)	
<b>Annex 4</b>	Map of relay hand-over area with warm-up area and equipment inspection point (.jpg, .pdf)	
<b>Annex 5</b>	Map of Single Mixed relay hand-over area with warm-up area and equipment inspection point (.jpg, .pdf)	
<b>E.2 Finish zone according to IBU Event &amp; Competition Rules</b>	Finish area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Material inspection point	<input type="checkbox"/> yes <input type="checkbox"/> no
	Finish exit zone/mixed zone	<input type="checkbox"/> yes <input type="checkbox"/> no
	Refreshment point	<input type="checkbox"/> yes <input type="checkbox"/> no
	Shelter for changing before Mixed Zone	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 6</b>	Map of finish area with exit zone, mixed area, equipment inspection point and flower ceremony area (.jpg, .pdf)	
<b>E.3 Shooting range acc. to IBU Event &amp; Competition Rules</b>	Shooting direction	<input type="checkbox"/> yes <input type="checkbox"/> no
	Shooting distance 50 m +/- 1m	<input type="checkbox"/> yes <input type="checkbox"/> no
	Permanent shooting ramp	<input type="checkbox"/> yes <input type="checkbox"/> no
	Permanent target ramp	<input type="checkbox"/> yes <input type="checkbox"/> no
	Permanent target lights (min 1000 lux)	<input type="checkbox"/> yes <input type="checkbox"/> no
	Target placement (vertical)	<input type="checkbox"/> yes <input type="checkbox"/> no
	Target background and roof	<input type="checkbox"/> yes <input type="checkbox"/> no
	Shooting lanes (number of lanes)	<input type="checkbox"/> yes <input type="checkbox"/> no
	Coaches corridor 2m + Media / VIP Corridor 1.5m (min. 30 cm higher as the shooting ramp)	<input type="checkbox"/> yes <input type="checkbox"/> no
	Penalty Loop (150m and 75m)	<input type="checkbox"/> yes <input type="checkbox"/> no
	Target system	
<b>NOTE !</b>	Mechanical targets system is required for IBU B License! Electro-mechanical/electronic system is optional.	
<b>Annex 7</b>	Map of Shooting range position in the stadium with penalty loop (.jpg, .pdf)	

<b>E.4 Basic Course Calculator Chart (please fill separate Course Calculator chart as well)</b>									
	4.0 km loop	3.3 km loop	3.0 km loop	2.5 km loop	2.5 km loop	2.0 km loop	2.0 km loop	1.5 km loop	1.0 km loop
	20.0 km	10.0 km	15.0 km	12.5 km	7.5 km	10.0 km	6.0 km	7.5 km	5.0 km
First Loop									
Middle Loop									
Middle Loop									
Middle Loop									
Finish Loop									
Competition distance									
Highest Point									
Lowest Point									
Maximum Climb									
Total Climb (loop)									
Total Climb (distance)									
<b>Competition length tolerances chart</b>									
Maximus distance	21.000	10.500	15.750	13.125	7.875	10.500	6.300	7.875	6.000
Competition distance	20.0 km	10.0 km	15.0 km	12.5 km	7.5 km	10.0 km	6.0 km	7.5 km	5.0 km
Minimum distance	19.600	9.800	14.700	12.250	7.350	9.800	5.880	7.350	4.000
<b>Competition Total Climb chart</b>									
Maximum total climb	800	405	600	500	300	400	240	300	200
Minimal total climb	550	270	400	350	210	275	165	150	75
<b>E.5 Course according to IBU Event &amp; Competition Rules</b>					Distances			<input type="checkbox"/> yes	<input type="checkbox"/> no
					Profiles			<input type="checkbox"/> yes	<input type="checkbox"/> no
					Width			<input type="checkbox"/> yes	<input type="checkbox"/> no
					Maximum grade			<input type="checkbox"/> yes	<input type="checkbox"/> no
					Safety			<input type="checkbox"/> yes	<input type="checkbox"/> no
<b>E.6 Artificial lighting</b>					Stadium		<input type="checkbox"/> yes	<input type="checkbox"/> no	lux
					Courses		<input type="checkbox"/> yes	<input type="checkbox"/> no	lux
<b>Annex 8</b>	Map of complete biathlon courses system (.jpg, .pdf)								
<b>Annex 9</b>	Map of 1.0 km loop with profiles and specifications (.jpg, .pdf)								
<b>Annex 10</b>	Map of 1.5 km loop with profiles and specifications (.jpg, .pdf)								
<b>Annex 11</b>	Map of 2.0 km loop with profiles and specifications (.jpg, .pdf)								
<b>Annex 12</b>	Map of 2.5 km loop with profiles and specifications (.jpg, .pdf)								
<b>Annex 13</b>	Map of 3.0 km loop with profiles and specifications (.jpg, .pdf)								
<b>Annex 14</b>	Map of 3.3 km loop with profiles and specifications (.jpg, .pdf)								
<b>Annex 15</b>	Map of 4.0 km loop with profiles and specifications (.jpg, .pdf)								

<b>F. TEAM SERVICE AREA</b>			
<b>F.1 Team service area</b>	Distance from the start/finish area	m	
	Permanent team service cabins (quantity)	Waxing	Changing
	Temporary team service cabins (quantity)	Waxing	Changing
	Wax cabins equipped with ventilation system		
	Warm-up course	Distance from team service area	length of warm-up loop
m		m	
IBU Family Club (min 50 m <sup>2</sup> )	m <sup>2</sup>		
<b>Annex 16</b>	Map of team service area position in the stadium (.jpg, .pdf)		
<b>Remarks</b> (Chapter E & F)			

**G. COMPETITION MANAGEMENT AREA**

<b>G.1 Competition management area</b>	Permanent building(s)	
	Temporary building(s)	
<b>G.2 Offices at competition management area</b>	Competition office (approximately 20 m <sup>2</sup> )	m <sup>2</sup>
	OC Competition management office (app. 20 m <sup>2</sup> )	m <sup>2</sup>
	IBU RD office (app. 10 m <sup>2</sup> )	m <sup>2</sup>
	IBU TD/IRs office (app. 15 m <sup>2</sup> )	m <sup>2</sup>
	Competition Jury Room (app. 15 m <sup>2</sup> )	m <sup>2</sup>
	Preliminary material inspection room (app. 20 m <sup>2</sup> )	m <sup>2</sup>
	Room for timing and data transfer equipment (20m <sup>2</sup> + 5m <sup>2</sup> storage)	m <sup>2</sup>
<b>Annex 17</b>	Map of competition management area position in the stadium (.jpg, .pdf)	
<b>Annex 18</b>	Map of competition management area offices (.jpg, .pdf)	

**H. SCOREBOARDS, VIDEO WALLS, TIMING SYSTEM, RIFLE STORAGE**

<b>H.1 Electronic scoreboard (min 6 lines)</b>	Permanent	
	Temporary	
<b>Annex 19</b>	Map of location of scoreboards in the stadium (.jpg, .pdf)	
<b>H.3 Existing timing system</b>	Provider	
	System	
<b>H.4 Rifle storage</b>	Storeroom	m <sup>2</sup>
	Dry shooting room	m <sup>2</sup>

**I. POWER SUPPLY, INTERNET AND TOILETS**

<b>I.1 Electric power supply</b>	Voltage (110/220)	V
	Wattage (min 450)	kW
	Back up system	<input type="checkbox"/> yes <input type="checkbox"/> no
	Wattage of back-up system	kW
<b>I.2 Internet connections</b>	Competition management area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Media areas	<input type="checkbox"/> yes <input type="checkbox"/> no
	Team service area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Anti-doping area	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>I.3 Toilet facilities</b>	Team service area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Start area	<input type="checkbox"/> yes <input type="checkbox"/> no
	Competition management area	<input type="checkbox"/> yes <input type="checkbox"/> no



<b>J. COMPETITION AND STADIUM EQUIPMENT</b>			
<b>J.1 Snow grooming equipment</b>	Grooming machines	Type	Quantity
	Snow mobiles	Type	Quantity
	Salt spreader machine	Quantity	
	Grooming trailers for snow mobiles	Type	Quantity
<b>J.2 Courses</b>	Course sign boards		
	Protection nets	m	
	Protection mats	m	
	Protection fences	m	
	V-boards quantity		
	V-boards color		
	Advertising boards	m	
<b>J.3 Start and finish area</b>	Protection fences	m	
	Advertising boards	m	
	V-boards quantity		
	V-boards color		
	Rifle racks (warm-up for min 140 rifles + finish area for min 70 rifles)		
	Red lines		
	Start/Finish boards		
	Info boards		
<b>J.4 Shooting range and penalty loop</b>	Shooting lanes numbers		
	Target numbers		
	Wind flags (64)		
	Lane dividers (red) - for shooting ramp		
	T-posts - from ramp to targets (posts or plates on the wire)		
	Shooting mats		
	Rifle racks (at range for min for 210 rifles + rifle racks for training 70)		
	Protection fences (m)	m	
	V-boards quantity		
	V-boards color		
	Sign boards		

<b>K. SNOW SYSTEM AND SNOW STORAGE</b>			
<b>K.1 artificial snow production system</b>	Existing artificial snow production system	<input type="checkbox"/> yes <input type="checkbox"/> no	
	(if yes) Number of snow guns	Permanent	
		Optional	
		Total	
	Water supply	Water reservoir	m <sup>3</sup>
		Normal pipeline water	<input type="checkbox"/> yes <input type="checkbox"/> no
		Cooling system	<input type="checkbox"/> yes <input type="checkbox"/> no
Estimated number of production days to cover stadium/courses (-5 °C)			
<b>K.2 Snow storage</b>	Snow storage	<input type="checkbox"/> yes <input type="checkbox"/> no	
	Storage capacity	m <sup>3</sup>	
<b>Remarks</b> (Chapter G - K)			

### 3. MEDIA REQUIREMENTS

L. TV OPERATIONS			
<b>L.1 TV Compound</b> (~500 m <sup>2</sup> for ECH, YJWCH events)	Area capacity	m <sup>2</sup>	
	Electricity source - network power	kW	
	Electricity source - technical powe	kW	
	Internet capacity reserved to TV compound	<input type="checkbox"/> yes <input type="checkbox"/> no	
	Toilets	<input type="checkbox"/> yes <input type="checkbox"/> no	
<b>L.2 Commentators' booths</b>	Number of Commentators' booths	Permanent	Temporary
	Size per booth	m <sup>2</sup>	m <sup>2</sup>
	Internet access	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
	Heating/lighting	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
	Electricity	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
	Viewing position on stadium/shooting range	<input type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input type="checkbox"/> no
Distance to toilets	m		
<b>Annex 20</b>	Map of position of TV compound and TV commentators' booths (.jpg, .pdf)		
<b>Remarks</b> (Chapter L)			

<b>M. MEDIA OPERATIONS</b>		
<b>M.1 Media Center</b> (min 50 m <sup>2</sup> for IBU Cups, 100 m <sup>2</sup> for ECH/YJWCH events)	Permanent center	<input type="checkbox"/> yes <input type="checkbox"/> no
	Bggest room Size	m <sup>2</sup>
	Distance from mixed zone	m
	Distance from entrance of shooting range	m
	Internet capacity	
<b>M.2 Mixed Zone</b> (min 50 m <sup>2</sup> )	Position	
	Size	m <sup>2</sup>
	Internet access	<input type="checkbox"/> yes <input type="checkbox"/> no
	Electricity	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 21</b>	Map of media center and mixed zone (.jpg, .pdf)	
<b>Remarks</b> (Chapter M)		

## 4. MEDICAL AND ANTI-DOPING REQUIREMENTS

<b>N. MEDICAL CARE</b>		
<b>N.1 General medical care factors</b>	Nearest Hospital/Clinic (name)	
	City, location	
	Distance to the venue (km)	km
<b>N.2 Medical treatment area in the stadium</b>	Medical treatment area in the stadium	<input type="checkbox"/> yes <input type="checkbox"/> no
	First aid room with equipment	<input type="checkbox"/> yes <input type="checkbox"/> no
	Automated external defibrillator (AED)/number	
	Location of AED(s)	
	Ambulance car parking	<input type="checkbox"/> yes <input type="checkbox"/> no
	Access ways to and from courses	<input type="checkbox"/> yes <input type="checkbox"/> no
	Emergency plan	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 22</b>	Map of medical treatment area position in the stadium with emergency plan including AEDs (.jpg, .pdf)	
<b>O. ANTI-DOPING AREA</b>		
<b>O.1 Anti-doping testing area in the stadium</b>	Doctor's room (20m <sup>2</sup> ) with toilet (5m <sup>2</sup> )	m <sup>2</sup>
	Waiting room (20m <sup>2</sup> )	m <sup>2</sup>
	Chaperones'/doping control officers' room (15m <sup>2</sup> )	m <sup>2</sup>
<b>Annex 23</b>	Map of anti-doping testing area position in the stadium (.jpg, .pdf)	
<b>Note !</b>	Please refer to IBU Medical Guidelines before planning or preparing the facilities!	
<b>Remarks</b> (Chapter N-O)		

## 5. LOGISTICAL REQUIREMENTS

<b>P. LOGISTICS CENTER</b>	
<b>P.1 Logistics center</b>	Permanent facility <input type="checkbox"/> yes <input type="checkbox"/> no
	Location (city and name of the building)
	Distance to the venue <span style="float: right;">km</span>
<b>P.2 Accreditation Office</b>	Location
<b>Annex 24</b>	Map of logistics center location (.jpg, .pdf)

<b>R. ACCOMMODATION</b>								
<b>R.1 Accommodation for teams / officials / media</b> (minimum 500 beds in total within 30 km / 30 min - minimum 150 beds for limited price)								
	Name (city, place,...)	Distance to stadium (km)	Winter travel time (min)	Absolute altitude (m)	Cat. A/****	Cat. B/***	Cat. C/**	Apartments
					Number of rooms / beds			
<b>Example</b>	Hotel Post, Ruhpolding	12	20	935	80/100	250/600	150/300	
<b>Location 1</b>								
<b>Location 2</b>								
<b>Location 3</b>								
<b>Location 4</b>								
<b>Location 5</b>								
<b>Location 6</b>								
<b>Location 7</b>								
<b>Location 8</b>								
<b>Location 9</b>								
<b>Location 10</b>								
<b>Location 11</b>								
<b>Location 12</b>								
<b>Location 13</b>								
Total rooms and beds by category								
Total rooms and beds								
<b>R.2 Fitness center (or gym)</b>		near accommodation			<input type="checkbox"/> yes <input type="checkbox"/> no			

<b>S. TRANSPORT, PARKING &amp; TEAM CAPTAINS' MEETING ROOM</b>		
<b>S.1 Transport factors</b>	Nearest airport (from which OC organizes transport)	
	Distance to the venue	km <sup>2</sup>
	Roading quality	
<b>S.2 Team captain's meeting room</b>	Location (city)	
	Building (name)	
	Capacity (number of seats)	
	Audio-visual equipment	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>S.3 Parking area - number of parking spaces</b>	Teams	
	Officials , Media, partners	
	OC Members	
	OC Transport service	
	Spectators	
<b>Annex 26</b>	Map of Parking areas in the stadium (.jpg, .pdf)	
<b>Remarks</b> (Chapter P-S)		

## **6. HOSPITALITY**

<b>T. GUESTS AND SPECTATORS</b>		
<b>T.1 Hospitality areas for spectators</b>	Stadium/venue capacity (min 500 persons)	
<b>Annex 27</b>	Map of hospitality areas in the stadium (.jpg, .pdf)	
<b>Remarks</b> (Chapter T)		

**LIST OF ANNEXES** Content of annexes can be combined in one map!

		Attached
<b>Annex 1</b>	Map of Single start area with warm-up area and equipment inspection point (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 2</b>	Map of Pursuit start area with warm-up area and equipment inspection point (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 3</b>	Map of Simultaneous start area with warm-up area and equipment inspection point (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 4</b>	Map of Relay hand-up area with warm-up area and equipment inspection point (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 5</b>	Map of Single Mixed relay hand-over area with warm-up area and equipment inspection point (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 6</b>	Map of finish area with exit zone, mixed zone, equipment inspection point and flower ceremony area (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 7</b>	Map of shooting range position in the stadium with penalty loop (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 8</b>	Map of complete biathlon courses system (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 9</b>	Map of 1.0 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 10</b>	Map of 1.5 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 11</b>	Map of 2.0 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 12</b>	Map of 2.5 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 13</b>	Map of 3.0 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 14</b>	Map of 3.3 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 15</b>	Map of 4.0 km loop with profiles and specifications (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 16</b>	Map of team service area position in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 17</b>	Map of competition management area position in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 18</b>	Map of competition management area offices (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 19</b>	Map of location of scoreboards in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 20</b>	Map of position of TV compound and TV commentators' booths (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 21</b>	Map of media center, mixed zone (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 22</b>	Map of medical treatment area position in the stadium with emergency plan including AEDs (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 23</b>	Map of anti-doping testing area position in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 24</b>	Map of logistics center location (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 25</b>	Map of hotels location (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 26</b>	Map of parking areas in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no
<b>Annex 27</b>	Map of hospitality areas in the stadium (.jpg, .pdf)	<input type="checkbox"/> yes <input type="checkbox"/> no



**AMENDMENTS**

<b>Amendment</b>	<b>Date</b>	<b>Checked by</b>

# BIATHLON COMPETITION VENUE LICENSE

## **B LICENSE DOCUMENT INSTRUCTIONS**

### 1. GENERAL FACTORS

#### **A. NATIONAL FEDERATION**

##### **A.1 National federation contact information**

Name of national federation who is requesting the Venue License (e.g.: German Ski Federation), with whole address and contact person at the time of inspection visit.

#### **B. BASIC STADIUM CHARACTERISTICS**

##### **B.1 Stadium location description**

Fill in the name of the stadium, nearest city or town (name of the venue) and region.

##### **B.2 Stadium capacity**

Fill in the number of possible spectators in all three areas.

##### **B.3 Accommodation area capacity**

Fill in the number of tourist accommodation options (number of tourist beds / rooms) within listed distances. This information can be usually obtained at Tourist Boards or Information Offices.

#### **C. STADIUM OPERATIONAL INFORMATION**

##### **C.1 Stadium owned / operated by**

Name of the owner of the stadium or who operate the stadium (e.g.: Ski Club Ruhpolding / Wintersports gmbh).

##### **C.2 Contact details of stadium owner / operator**

Name and full address of stadium owner or operator (this information will be published at IBU web site after successful License issue).

##### **C.3 Stadium contact / responsible person(s)**

Name of the person who can be contacted for all matters connected to biathlon stadium (training possibilities, snow situation, ...)

##### **C.4 Organizing Committee (Not required for the License)**

Fill in the name of Organizing Committee if already existing.

##### **C.5 Key persons in Organizing Committee (Not required for the License)**

Fill in names of key persons at OC (if existing.)

##### **C.6 Involved in Organizing Committee (Not required for the License)**

Fill in the number of different level biathlon referees if they are active in existing Organizing Committee.

##### **C.7 Permanent - temporary**

Minimum requirements that stadium is permanent are met when shooting range (can be without targets), shooting ramp and competition management building are permanent (solid permanent construction). If stadium is made by temporary elements like cabins, platforms... we understand stadium as temporary.

- Permanent biathlon stadium      Answer with yes or no (B License requirement)

- Temporary biathlon stadium      Answer with yes or no.

**C.8 Temporary elements in the stadium (buildings, cabins, tents, objects...)**

Fill in elements that are not permanently installed at the stadium, but can be easily organized when needed (e.g. 20 wax cabins/containers, VIP tent,...).

**C.9 Stadium functionality (Not required for the License)**

Stadium can be used during whole year or not. Very much depend on snow condition and roller ski course. Answer with yes or no.

**C.10 Training and competition possibilities (Not required for the License)**

Connected with previous point and also to state of stadium operational functionality and maintenance. Answer with yes or no.

**C.11 Number of biathlon competitions already hosted (Not required for the License)**

Write a number (quantity) of already held competitions in the stadium.

**C.12 Owner is responsible for the operation of the stadium (Not required for the License)**

Answer with yes or no.

**C.13 Owner is responsible for the maintenance of the stadium (Not required for the License)**

Answer with yes or no.

**C.14 NF and the event host are entitled to host IBU events at any time**

Answer with yes or no.

**C.15 Who ensures funding of the operation of the stadium (Not required for the License)**

Name of organisation who is responsible for stadium operation (e.g.: Municipality of Ruhpolding)

**D. GEOGRAPHICAL AND CLIMATE CHARACTERISTICS**

**D.1 Stadium is located in any kind of environment reserved area**

First answer with yes or no. If yes; fill in the type of reserved area (e.g.: water reserved area, birds protected habitat...)

**D.2 Restrictions resulting from environment reserved area**

Fill in any possible restrictions at the stadium (e.g.: can use chemicals on the courses,...)

**D.3 Absolute altitude above sea level**

Absolute altitude in meters at different points.

**D.4 Daily average temperatures**

Fill in the fields with degrees Centigrade. You can find this data at meteorological agencies. If you have one please attach as annex temperatures diagram.

**D.5 Average snow height per month**

Fill in the fields with centimetres similar as for the temperatures.

**D.6 Number of days with snow cover in winter**

Average number of days with snow cover in the stadium.

## 2. SPORT TECHNICAL FACTORS

### E. START, FINISH, SHOOTING RANGE AND COURSES

#### E.1 Start zones according to IBU Event & Competition Rules

Answer with yes or no to respected areas. Description of areas can be found at IBU Event & Competition Rules and/or OC Guidelines:

- Individual start area 3.2.2
- Pursuit start area 3.2.3
- Mass start area 3.2.4
- Relay hand over zone 3.3.10
- Warm-up area 3.2.1
- Equipment inspection point 3.2.7

#### E.2 Finish zone according to IBU Event & Competition Rules

Answer with yes or no to respected areas. Description of areas can be found at IBU Event & Competition Rules and/or OC Guidelines:

- Finish area 3.5.1
- Material inspection point 3.5.2
- Finish exit zone / Mixed zone 3.5.3 / 3.5.6
- Refreshment point 3.5.4
- Shelter for changing 3.5.5

#### E.3 Shooting range acc. to IBU Event & Competition Rules

Answer with yes or no to respected areas. Description of areas can be found at IBU Event & Competition Rules and/or OC Guidelines:

- Shooting direction 3.4.1
- Shooting distance 3.4.2.1
- Permanent shooting ramp 3.4.2.4 / 3.4.3
- Permanent target ramp 3.4.2.4
- Permanent target lights 3.1.2.4
- Target placement 3.4.4.3
- Target background and roof 3.4.4.4
- Shooting lanes 3.4.3.1
- Corridors configurations 3.4.2.5
- Penalty Loop 3.3.11 / 3.3.11.1

Name the target system in use for competitions and / or training.

#### E.4 Course Calculator Chart

Fill in the data in the chart as requested.

#### E.5 Courses according to IBU Event & Competition Rules

Answer with yes or no to respected areas. Description of areas can be found at IBU Event & Competition Rules and/or OC Guidelines:

- Distances 1.4.10
- Profiles 1.4.10
- Width 3.3.2
- Maximum grade 3.3.2
- Safety 3.3.4

**E.6 Artificial lighting (Not required for the License)**

Artificial light are in use for night / evening competition if requested by TV transmission.  
Artificial lighting need to have capacity at least 800 Lux (1000 Lux is recommended).

Fill in requested data in Lux.

**F. TEAM SERVICE AREA**

**F.. Team service area**

Fill in requested data about Team Service Area. Information can be found at IBU Event & Competition Rules about:

- Team Waxing Cabins 3.6
- Waiting Rooms 3.7
- Warm-up course: 3.3.12

Team cabins can be permanent buildings/cabins or parts of building or can be temporary. When cabins are temporary, stadium has to have enough space to accommodate enough wax cabins as required by level of event.

Same applies also for IBU family club; area can be permanent facility or temporary.

Warm up course have to be in close proximity to start area (maximum 300 m) and with easy access from team cabins.

- Permanent / temporary team service cabins
- IBU Family Club

**G. COMPETITION MANAGEMENT AREA**

**G.1 Competition management area**

**G.2 Offices at Competition management area**

Fill in the square meters for each office as part of Competition Management area. Minimum area requirements can be found at OC Guidelines and IBU Event & Competition Rules 3.1:

- Competition office 20 m<sup>2</sup>
- OC Competition management office 20 m<sup>2</sup>
- IBU RD office 10 m<sup>2</sup>
- IBU TD / IRs office / 15 m<sup>2</sup>
- Jury Room 15 m<sup>2</sup>
- Preliminary material control room 20 m<sup>2</sup>
- Room for timing and data transfer 20 m<sup>2</sup> + 5 m<sup>2</sup> storage

**H. SCOREBOARDS, VIDEO WALLS, TIMING SYSTEM, RIFLE STORAGE**

**H.1 Electronic scoreboard**

Electronic score board is requested for all big IBU events. Minimum number of lines at the board is 6; location is approved at license inspection.

Scoreboard can be permanent or temporary; for temporary scoreboard the position will be inspected

**H.3 Existing timing system (Not required for the License)**

For competition without official IBU Data Timing partner support stadiums can be equipped with own timing system. Fill in the date if such a system exists.

**H.4 Rifle storage (Not required for the License)**

If national law for firearms and ammunition required storage of firearms and ammunition at the special secured areas, stadium has to have proper rifle storage with dry shooting room. Storage should accommodate all participants' rifles. Fill in requested data.

**I. POWER SUPPLY, INTERNET AND TOILETS**

**I.1 Electric power supply**

Fill in requested data. When planning the stadium, management should calculate enough power to serve all of the potential users (TV, sport equipment, lighting, hospitality areas, team area...). Capacity of electric power supply has to be at least 450 kW.

At the same time back-up system need to be planned and different power circuits need to be foreseen to minimize potential power breaks.

**I.2 Internet connections**

For successful organization most of users need solid internet connection. Exact capacity of particular networks will be specially checked for events, license inspectors will be spot checking existing networks at permanent facilities.

**I.3 Toilets facilities**

Sufficient number of toilets facilities need to be provided at some areas listed at catalogue. At listed areas quality of toilets have to be higher than portable toilet boxes (e.g.: Dixie) and during event toilets have to be constantly checked and maintained.

**J. COMPETITION AND STADIUM EQUIPMENT**

**J.1 Snow grooming equipment**

Stadium need to have proper snow grooming equipment for all possible weather or snow conditions. For license inspection, inspection team need to be able to spot check machines or equipment.

**J.2 Courses**

Equipment for course marking, safety and others will be spot checked at inspection visit. Fill in requested data. Some requirements can be found in OC Guidelines Graphics and IBU Event & Competition Rules.

Special check for:

- V boards 3.3.7

**J.3 Start and finish area**

Equipment for course marking, safety and others will be spot checked at inspection visit. Fill in requested data. Some requirements can be found in OC Guidelines Graphics and IBU Event & Competition Rules.

Special check for:

- V boards 3.3.7  
 - Rifle racks (20 + 10) 3.2.1  
 - Start / Finish boards 3.2.3.1/3.2.4.1

#### J.4 Shooting range and Penalty loop

Equipment for course marking, safety and others will be spot checked at inspection visit. Fill in requested data. Some requirements can be found in OC Guidelines Graphics and IBU Event & Competition Rules.

Special check for:

- V boards	3.3.7
- Shooting lanes numbers	3.4.5
- Target numbers	3.4.5
- Wind flags (64)	3.4.6
- Lane dividers (red)	3.4.3.1
- T-posts	3.4.3.1
- Shooting mats	3.4.3.2
- Rifle racks	3.4.7
- Protection fences (m)	3.4.2.5
- Sign boards	3.4.5.1

#### K. SNOW SYSTEM AND SNOW STORAGE

##### K.1 Existing artificial snow production system

Answer with yes or no, if stadium is having an artificial snow system. Permanent snow guns are guns which are situated at or owned by stadium and optional is the number of guns which can be added to the system when needed in addition to permanent ones.

Answer what kind of water supplying system is in use and if system is equipped with coolers.

Number of required days with snow production is only estimated at normal weather condition (-5 or more) and with maximum amount of snow guns.

##### K.2 Snow storage

Answer with yes or no if stadium is in possession of snow storage. If yes, fill in the capacity of the storage.

### 3. MEDIA REQUIREMENTS

#### L. TV OPERATIONS

##### L.1 TV Compound

Fill in requested data. There is a minimum area requirement for TV compound: ca. 500 m<sup>2</sup> for ECH, YJWCH

##### L.2 Commentators booths

Fill in requested data about commentators booths.

#### M. MEDIA OPERATIONS

##### M.1 Media Center

Fill in requested data. There is a minimum area requirement for Media center: 50 m<sup>2</sup> for IBU Cups, 100 m<sup>2</sup> for ECH/YJWCH events).

##### M.2 Mixed Zone

Fill in requested data. There is a minimum area requirement for Mixed zone: min. 50 m<sup>2</sup>

#### 4. MEDICAL AND ANTI-DOPING REQUIREMENTS

##### **N. MEDICAL CARE**

###### **N.1 General medical care factors**

Fill in the name of the nearest hospital where participants can be taken care of and the distance to the venue.

###### **N.2 Medical treatment in the stadium**

Fill in requested data.

##### **O. ANTI-DOPING AREA**

###### **O.1 Anti-doping testing area in the stadium**

Fill in requested data. Please note that you should refer to IBU Medical Guidelines when planning or organizing area. IBU Medical department strongly recommend organizing anti-doping area as close to Media center as possible to assure better condition for the athletes (short ways from Media conferences and testing).

#### 5. LOGISTICAL REQUIREMENTS

##### **P. LOGISTIC CENTER**

###### **P.1 Logistic center**

Answer with yes or no, if there is a permanent building or facility available for organizing Logistic centre when necessary. If yes, describe location of the Centre.

###### **P.2 Accreditation Office**

Describe location of the office. It is not necessary that Accreditation center is in the same building as Logistic center. It has to be possible to organize the space according to IBU Rules for Accreditation.

##### **R. ACCOMMODATION**

###### **R.1 Accommodation for teams / officials / media**

There is a minimum requirement for number of beds reserved: 500 beds in a circle of 30 km. Fill in the chart.

###### **R.2 Fitness center (or gym) next to accommodation**

Answer with yes or no.



**S. TRANSPORT, PARKING & TC'S MEETING ROOM**

**S.1 Transport factors**

Fill in requested data.

**S.2 Team Captain's Meeting room**

Fill in requested data.

**S.3 Parking area - number of parking spaces**

Fill in the estimated capacities.

**6. HOSPITALITY**

**T. GUESTS AND SPECTATORS**

**T.1 Hospitality areas for spectators**

Fill in requested data.

**LIST OF ANNEXES**

When map or plan of some area is requested it has to be prepared and provide before inspection visit. There will be no visit if all of annexes will not be sent to the IBU HQ prior the visit (14 days).

As mentioned at the License document, some maps can be combined.