



British Alpine Ski Competitions
British Artificial Competition Rules
BACR Book VI
Competition Equipment
Version Dec 09 : 05-Dec-2009

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1. General

This document forms part of the British Artificial Competition Rules (BACR), and contains the regulations covering Competition Equipment that apply to British competitions on artificial slopes (including indoor snow). Refer to BACR Book I for overall details about BACR and its application.

2. Overview

2.1. FIS Equipment Cycle

FIS have decided to make equipment changes only in the year after a Winter Olympics. Those changes will thus remain in effect for four years, although there may be exceptions from time to time.

2.2. Responsibilities

Although these regulations specify particular dimensions for competition equipment to be used during recognised events, the responsibility for skiing, training and racing on appropriate equipment remains with the racer, their coach and/or parents.

2.3. Recommendations

Due to the nature of artificial slope competitions, considering the scope of abilities, ages and physical maturity of athletes, there are no specified competition rules regarding some parameters such as ski length and turning radius for artificial slope events.

It is recommended, however, that the FIS/British ski length regulations as defined in BCR Book VII (and shown below) are followed even for artificial slope competitions.

3. Specifications

3.1. Minimum Ski Length

			BCR	BACR (Artificial Slope)
Sen/Jun	GS	Men	185cm	Slalom skis may be used
		Ladies	180cm	Slalom skis may be used
	SL	Men	165cm	No rule
		Ladies	155cm	No rule
Children 2	SL/GS	130cm	No rule	
Children 1	SL/GS	130cm	No rule	
Notes:				
1	Ski Length must be marked on the ski			

3.2. Minimum Ski Radius

		BCR	BACR (Artificial Slope)
Sen/Jun	GS	27/23m	No rule
	SL	No rule	No rule
Children 2	GS	17m	No rule
	SL	No rule	No rule
Children 1	GS	14m	No rule
	SL	No rule	No rule
Notes:			
2	Ski radius must be marked on the ski		

3.3. Minimum Ski Width

Minimum width of the running surface at binding without any tolerance.

		BCR	BACR (Artificial Slope)
Sen/Jun		65mm	No rule
Children		65mm	No rule

3.4. Minimum height of shovel

		BCR	BACR (Artificial Slope)
Sen/Jun	SL/GS	50mm	No rule
Children 1/2		No rule	No rule

3.5. Maximum height of tail

		BCR	BACR (Artificial Slope)
All	All	10mm	No rule

3.6. Max height of binding, plate & ski

Distance between the bottom of the running surface of the ski and the ski boot sole.

		BCR	BACR (Artificial Slope)
All	All	50mm	50mm

3.7. Max height of boot sole

Distance between the ski boot sole and the base of the heel including all hard and soft parts.

		BCR	BACR (Artificial Slope)
Sen/Jun/Children		43mm	43mm
Masters		45mm	45mm

4. Document History

Edition	Date	Description of changes
2007	15-Nov-2006	Approved by British TD Forum for use in 2007 season onwards.
Dec 08	03-Dec-2008	Adjustments to match ICR 2008. Removal of section highlighting requirements for helmets.
Dec 09	05-Dec-2009	Adjustments to match FIS 2009-10 Equip Regs Oct 09