



Classification of Visually Impaired bowlers for Lawn Bowls.

The examination and evaluation of the above persons must be performed by an Ophthalmologist or a Registered Optometrist and requires the following measurements in each eye:

1. Best corrected visual acuity
2. Field of vision

1. Best corrected Visual Acuity.

IPC and IBSA have adopted the Berkeley Rudimentary Vision Test (LogMAR) as the standard method used to evaluate (the best) visual acuity in each eye. In discussions with International Blind Bowlers Association (IBBA) it was decided that this be the method accepted by International Bowls for the Disabled as well as by IBBA. A copy of the classification chart is attached to these forms and the findings are to be filled in on the chart stating left eye and right eye and is to be submitted together with all the other forms required. **In addition, the best corrected acuity findings at the various distances must be recorded for each eye on the acuity table (can use either one) provided.**

For ease of reference:

B1 No light perception up to LogMAR 2.7

B2 LogMAR 2.6 up to LogMAR 1.5

B3 LogMAR 1.4 up to LogMAR 1.0

B4 LogMAR 0.9 up to LogMAR 0.6 together with a field of vision less than 20 degrees.

2. Field of Vision.

The standard methods used to determine the field of vision previously would be acceptable and the field of vision recorded together with the method used would be stated. Visual field i.e. central and peripheral shall be taken as the maximum sum of the visual fields about the point of fixation along any line through the point of fixation e.g. temporal plus nasal or upper plus lower, whichever produces the largest result. A copy of the relevant visual fields is to be submitted together with the findings where applicable.

3. The Assessment

The assessment shall be carried out by an Ophthalmologist or Optometrist with experience in low vision assessment and such assessors must be independent from the player being assessed.

A classifier, appointed by each National Association, will check the above forms and recommend a classification. This will be submitted to IBD for confirmation prior to participation in any IBD event.

4. Visual History

A copy of the relevant medical and visual history is to be submitted together with the findings.

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Chief Classifier: Sheila Corcoran, Australia
Executive Officer: Elbert Broere, South Africa
Immediate Past President: Bob Tinker, Australia



ATHLETE ASSESSMENT CONSENT FORM

1. I agree to undergo the Athlete Assessment process detailed in the IBD Classification Rules & Procedures and administered by the designated classification team. I understand that this process will require me to participate in sport-like exercises and activities. I understand that there is a risk of injury in participating in exercises and activities and that I am healthy enough to do so. I also agree that if I am injured during the course of this classification process that I will hold IBD blameless.
2. I understand that Athlete Assessment requires me to give my best effort, and that failure to do so may result in me being disqualified from competition. I also understand that discrepancies between the performances I demonstrate during the Athlete Assessment process and that which I demonstrate during competition could also lead to my disqualification from competitions.
3. I understand that Athlete Assessment is a judgement process and will agree to abide by the judgement of the Classification Panel. If I do not agree with the results of the Classification Panel, I agree to abide by the protest and appeals process as defined in the IBD Classification Rules.
4. I agree to be videotaped and photographed during the Athlete Assessment process that may include my activity on and off the field of play during the competition.
5. I agree and consent to collating and retaining my personal data in any format, including my full Name, Year of Birth, Sport, Sport Class and Sport Class Status, and agree and consent to my Name, Country and Sport Class and Sport Class Status being published on the website.

Printed name of the Athlete Signature Date



ACUITY TABLE

25cm BASIC VIS	DISTANCE	GRATINGS	25cm	DISTANCE	E's	25cm	50cm	80cm	1,00m	1,25m	1,60m	2,00m	2,50m	3,20m	4,00m	5,00m	6,30m			
																		+	+	+
NLP	200 M	2.9	2.6	2.3	2.1	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.4	1.3	1.2			
LP	125 M	2.7	2.4	2.1	1.9	1.8	1.7	1.6	1.6	1.5	1.5	1.4	1.4	1.3	1.2	1.1	1.0			
BWD	80 M	2.5	2.2	1.9	1.7	1.6	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.1	1.0	0.9	0.8			
WFP	50 M	2.3	2.0	1.7	1.5	1.4	1.3	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.8	0.7	0.6			
	B1	B2	B3													INE				
VIS. FIELD	No VF	∅ < 10° (R<5g)															∅ > 10° to < 40° (R>5g to < 20g)		∅ > 40° (R > 20g)	

NLP= No Light Perception BWD= Black White Discrimination (cards all black / all white)
 LP = Light Perception WFP= White Field Projection (cards half-black half-white / white quadrant)

- Limit B1- unable to recognize single tumbling E 100M at 25cm. (LogMAR 2.6 is out)
- * The STE is the task used to determine the B2/B1 boundary.
- Limit B2- unable to recognize single tumbling E 25M at 1meter. (LogMAR 1.4 is out)
- * The STE is the task used to determine the B3/B2 boundary and confirmed with LogMar ACUITY CHART(big)
- Limit B3- unable to recognize LogMar 0.9 on the chart = 32M LogMAR chart at 4 meters. (LogMAR 0.9 is out)
- * LogMar ACUITY CHART (big) is mandatory to determine "good VA" border of the B3 range (boundary B3/NE)



Distance (meters)	0,25	0,5	0,8	1	1,25	1,6	2	2,5	3,2	4	5	6,3	Class
200	2,9 0,0013 2,903	2,6	2,4	2,3	2,2	2,1	2,0	1,9	1,8	1,7	1,6	1,5	B1
125	2,7 0,002 2,699	2,4	2,2	2,1	2,0	1,9	1,8	1,7	1,6	1,5	1,4	1,3	B2
100	2,6 0,0025 2,602	2,3	2,1	2,0	1,9	1,8	1,7	1,6	1,5	1,4	1,3	1,2	B3
80	2,5 0,0031 2,505	2,2	2,0	1,9	1,8	1,7	1,6	1,5	1,4	1,3	1,2	1,1	
63	2,4 0,004 2,401	2,1	1,9	1,8	1,7	1,6	1,5	1,4	1,3	1,2	1,1	1,0	
50	2,3 0,005 2,301	2,0	1,8	1,7	1,6	1,5	1,4	1,3	1,2	1,1	1,0	0,9 0,126 0,9	
40	2,2 0,0063 2,204	1,9	1,7	1,6	1,5	1,4	1,3	1,2	1,1	1,0	0,9	0,8 0,158 0,803	
32	2,1 0,0078 2,107	1,8	1,6	1,5	1,4	1,3	1,2	1,1	1,0	0,9	0,8	0,7 0,197 0,706	NE
25	2,0 0,01 2,0	1,7	1,5	1,4	1,3	1,2	1,1	1,0	0,9	0,8	0,7	0,6 0,253 0,599	
20	1,9 0,0125 1,903	1,6	1,4	1,3	1,2	1,1	1,0	0,9	0,8	0,7	0,6	0,5 0,315 0,502	
16	1,8 0,0156 1,806	1,5	1,3	1,2	1,1	1,0	0,9	0,8	0,7	0,6	0,5	0,4 0,3938 0,405	
12,5	1,7 0,02 1,699	1,4	1,2	1,1	1,0	0,9	0,8	0,7	0,6	0,5	0,4	0,3 0,504 0,298	
10	1,6 0,025 1,602	1,3	1,1	1,0	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2 0,63 0,2	
8	1,5 0,313 1,505	1,2	1,0	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1 0,768 0,104	
6,3	1,4 0,0397 1,401	1,1	0,9	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0 1,0 0	
5	1,3 0,05 1,301	1,0	0,8	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0	-0,1 -1,26 -0,1	
4	1,2 0,0625 1,204	0,9	0,7	0,6	0,5	0,4	0,3	0,2	0,1	0	-0,1	-0,2 -1,575 -0,198	
3,2	1,1 0,0781 1,107	0,8	0,6	0,5	0,4	0,3	0,2	0,1	0	-0,1	-0,2	-0,3 -1,969 -0,294	
2,5	1,0 0,1 1	0,7	0,5	0,4	0,3	0,2	0,1	0	-0,1	-0,2	-0,3	-0,4 -2,52 -0,401	

Limit B1- unable to recognize single tumbling E 100M at 25cm. (LogMAR 2.6 is out)

* The STE is the task used to determine the B2/B1 boundary .

Limit B2- unable to recognize single tumbling E 25M at 1meter. (LogMAR 1.4 is out)

* The STE is the task used to determine the B3/B2 boundary and **confirmed** with LogMar BIG CHART(big)

Limit B3- unable to recognize LogMar 0.9 on the chart = 32M LogMAR chart at 4 meters. (LogMAR 0.9 is out)

* LogMar BIG CHART (big) is **mandatory** to determine "good VA" border of the B3 range (boundary B3/NE)

VI CLASSIFICATION FORM FOR LAWN BOWLS



International Bowls for the Disabled Inc.

Registered Office: 14 Melbourne Street, North Adelaide 5006, Australia
 ABN 86 790 300 272

Athlete information		Date
Last Name	First Name	

Auto refractor results:			
Attached	Y / N	If no, record:	Right eye:
			Left eye:

Medical information	
Visual diagnosis:	
Progressive	Y / N First diagnosed in year:
Medication:	
Optical aids used in competitions	Spectacles / contact lenses / sunglasses

VISUAL ACUITY – FINAL	Using LogMAR	
	Right eye	Left eye
Select applicable options below		
Unaided		
With trial frame & lenses		
With spectacles		
With contact lenses		

Preliminary test for VA or use provisional VA table and attach				
No correction		LogMAR	With correction	
Right eye	Left eye		Right eye	Left eye
		STE		
		25M		
		40M		
		63M		
		100M		

VISUAL FIELD – widest diameter in degrees		
Test used		
Attached fields: Y / N		
	Right eye	Left eye
Diameter:		

COMMENTS & OBSERVATIONS:

MEDICAL PRACTITIONER DETAILS	
Name:	
Medical Specialty:	
Registration Number:	
Signature of medical practitioner:	