**Table 1. The criteria and requirements for the three sports classes for athletes with vision impairment13**

|  |  |  |
| --- | --- | --- |
| **Class** | **Criteria** | **Requirements** |
| T13 | VA between 1.0 and 1.4 logMAR (inclusive) and/or VF constricted to a radius less than 20 degrees but greater than 5 degrees | Athletes may not run with a guide runner |
| T12 | VA\* between 1.5 and 2.6 logMAR (inclusive) and/or VF\*\* constricted to a radius less than 5 degrees | Athletes have the option of running with a guide |
| T11 | VA\* greater than 2.6 logMAR | Athletes must run with a guide and blindfolds are mandatory |

T13, T12, T11 = Classification group from least to most impaired

VA = monocular visual acuity

VF = visual field

**Table 2: Characteristics of the panellists**

|  |  |
| --- | --- |
|  | **N (%)** |
| **Sex** |  |
| Male | 8 (47.1) |
| Female | 9 (52.9) |
|  |  |
| **Continent** |  |
| Africa | 3 (17.6) |
| Asia | 2 (11.8) |
| Australasia | 2 (11.8) |
| Europe | 4 (23.5) |
| North-America | 3 (17.6) |
| South-America | 3 (17.6) |
|  |  |
| **Role in VI\* Athletics**† |  |
| Administrator | 6 (35.3) |
| Athlete | 9 (52.9) |
| Coach/Trainer | 6 (35.3) |
| Classifier | 1 (5.9) |
| Scientist | 2 (11.8) |
|  |  |
| **Years of experience in VI\* Athletics** |  |
| 0 – 9 | 2 (11.7)‡ |
| 10 – 19 | 8 (47.1) |
| > 20 | 7 (41.2) |

† More than one answer could be selected by the panellist and the percentage is based on number of individuals not answers. ‡ One athlete stated 14 years as an athlete but three as VI.

VI = Vision impairment

**Table 3. Aspects of visual function that are likely to impact running performance.**

|  |  |  |
| --- | --- | --- |
| **Measure of visual function** | **Important enough to include in classification** | ***Not* important enough to include in classification** |
| **Visual acuity** | **100%** | 0% |
| **Visual field** | **93%** | 7% |
| **Contrast sensitivity** | **77%** | 23% |
| **Light adaptation** | **77%** | 23% |
| Glare sensitivity | 69% | 31% |
| Depth perception | 64% | 36% |
| Dynamic visual acuity | 46% | 54% |
| Motion perception | 46% | 54% |
| Ocular coordination | 31% | 69% |
| Colour vision | 23% | **77%** |

Note: measures which reached consensus at 75% are in **bold**.

**Table 4: Performance parameters that are negatively impacted by vision impairment in short distance track athletics**.

|  |  |  |  |
| --- | --- | --- | --- |
| **Performance Parameter** | **100m** | **200m** | **400m** |
| Monitoring position of competitors | 66% | **80%** | **100%** |
| Transition between bend to straight track running | *20%* | **86%** | **100%** |
| Navigation within lanes | 66% | **86%** | **92%** |
| Forward reach for the line | **86%** | **80%** | **85%** |
| Attaining maximum speed | 60% | 60% | 42% |
| Stride rate | 33% | 33% | 35% |
| Stride length | 33% | 33% | 28% |
| Time out of the blocks | 26% | 33% | 21% |

Note: Performance parameters that reached consensus (≥ 75%) are in **bold**. Furthermore, performance parameters that, by consensus, were considered *not*to be negatively impacted (≤ 25%) by vision impairment (i.e. not affected by an impairment) are in *italics*.

**Table 5: Performance parameters that are negatively impacted by vision impairment in middle to long distance track athletics**.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Performance Parameter** | **800m** | **1500m** | **5000m** | **Marathon** |
| Navigation around the track and competitors | **100%** | **100%** | **85%** | **77%** |
| Navigation relative to competitors | **92%** | **92%** | **92%** | **69%** |
| Navigation around competitors at the start | **92%** | **85%** | **85%** | **92%** |
| Monitoring position of competitors | **85%** | **85%** | **78%** | **85%** |
| Transition between bend to straight track running | 57% | 57% | 57% | 38% |

Note: Performance parameters that reached consensus are in **bold.**