

# Vision Tests

11/21/00

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\* Ishihara: (Preferred Test – Must test at least 14 plates)

14 plate edition, four or more errors is failure.

- (First 9 plates – Screening; Remaining 5 plates – Diagnostic)

38 plate edition, eight or more errors is failure.

24 plate edition, six or more errors is failure.

16 plate edition, four or more errors is failure.

American Optical:

At least 15 plates, five or more errors is failure.

Dvorine: (Similar to Ishihara in makeup but different pass/fail cutoff)

At least 23 plates, three or more errors is failure.

Good-lite Test:

Not a valid test

Hardy-Rand-Ritler:

(We will not accept – Lynn Ried 11/21/00)

Outdated. Should no longer be used.

\* Standard Pseudoisochromatic Plates:

19 plates, three or more is failure.

Titmus Color Perception: (Not a preferred test)

(Accepted for Stereopsis only. NOT accepted for Color – Lynn Ried 11/21/00)

Any error is considered failure

The following statement comes from a study of the Titmus Color Perception test:  
"The Titmus Color Perception Test does not miss color-defective observers, but it wrongly classifies normal trichromats as defective."

The Titmus test is an appropriate test to use, but anyone who fails should be given another plate test or the D15.

\* Tokyo Medical College:

13 plates, one or more errors in the seven "screening" plates is failure.