Annex I

1. Vision testing: examination

1.1 Central daytime visual acuity

Determination in compliance with DIN 58220. Defective vision must be corrected where possible and tolerable. The following levels of distance visual acuity must be reached at a minimum:

Visual acuity in better eye	Visual acuity in worse eye	Or visual acuity in both eyes
0.63	0.5	0.8

1.2 Color vision

Color vision must be tested using a suitable method such as Ishihara or Velhagen plates. An anomaloscope must be used to test individuals suspected of color vision deficiency. The following anomalous quotient must be reached at a minimum:

Anomalous quotient
0.7

1.3 Spatial vision

Stereoscopic vision must be tested using a suitable method (e.g., random dot testing). The following angle of stereopsis must be reached at a minimum:

Angle of stereopsis
100”

1.4 Mesopic (twilight) vision

Adequate mesopic vision must be checked using a standardized method. The ambient light level must be 0.032 cd/m^2 during the test.

Contrast
1 : 2.7

1.5 Glare sensitivity

Adequate sensitivity to glare must be checked using a standardized method. The ambient light level must be 0.1 cd/m^2 during the test.

Contrast
1 : 2.7