

## Non Destructive Testing

### VISION REQUIREMENTS (PSL/44 – issue 6)

All PCN candidates and holders of PCN certification shall have natural or corrected vision, as determined annually by an ophthalmologist, optometrist or other medically recognised person (see note 2 below), to meet the following minimum requirement:

#### Near Distance Acuity of vision

Corrected or uncorrected near distance acuity in at least one eye shall be such that the individual is capable of reading, at a distance of not less than 30 cm from a standard test chart (see note 2), Jaeger No.1 or Times Roman N4 letters.

#### Colour Perception

Colour perception shall be such that the individual can distinguish between and differentiate contrast in the colours, as specified by the employer, used in the NDT method for which certificates are held or applied for.

**NOTE 1.** Initially, all candidates and holders of PCN certification will be required to have had colour perception tested by the Ishihara method. This test, which must include 24 or more plates, must be administered by an optometrist, ophthalmologist or other medically recognised person, and a record of the test must be retained and presented to BINDT upon request. In the event that a colour perception deficiency is detected during the Ishihara test, a further 'trade test' is to be carried out by the employer to ascertain whether the detected colour perception deficiency affects the individual's ability to perform the NDT for which he is certificated.

BINDT will subsequently accept evidence of an annual test, administered by the employer or, if the holder of PCN certification is self employed, an independent party, to determine that he or she is able to distinguish, and differentiate contrast, between the colours used in each NDT method for which PCN certification is held. All tests are to be recorded in writing and the colours tested are to be stated. Evidence of the test must be presented to BINDT upon request.

**NOTE 2.** BINDT accepts that a nominated official of an Authorised Qualifying Body, or a PCN Level 3 certificate holder, having documented proof of satisfactory training (conducted by a person holding a recognised medical or ophthalmic qualification) in the administration of the annual near vision acuity and colour perception test, is medically recognised as competent to, and may therefore conduct such tests for candidates and holders of PCN certification. The PCN level 3 administering the near vision test must provide proof of appropriate training upon request by BINDT.

Laminated hand held vision test charts, which include Times Roman N4 text, may be obtained from Sussex Vision, 16 Winston Business Centre, Lancing BN15 8TU, United Kingdom.

The person carrying out the vision test may use the form overleaf to signify that the individual meets the minimum PCN Vision Requirements.

**RESULTS OF ANNUAL TEST OF VISUAL ACUITY AND COLOUR PERCEPTION**

Name of individual tested: \_\_\_\_\_

PCN number: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

Employer: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

The employer should state the NDT methods and associated colours used by the employee:

NDT METHOD	COLOURS USED	RESULT OF COLOUR VISION TEST	
		COLOUR DIFFERENTIATION	CONTRAST
Record the Ishihara test results, and indicate if colour vision is satisfactory, or if an alternative (trade) test is suggested:		Number of Ishihara plates presented:	Number of Ishihara plates failed:

RESULT OF NEAR VISION TEST			
(record the smallest Jaeger or Times Roman N point number capable of being read).			
CORRECTED		UNCORRECTED	
LEFT	RIGHT	LEFT	RIGHT

Name, address and signature of qualified person carrying out the vision test (please use official stamp if available):

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

Signature of tester: \_\_\_\_\_ Date of test: \_\_\_\_\_