



V2 CONSULTING LIMITED

VISION ACUITY AND COLOUR PERCEPTION

REQUIREMENTS

All candidates and holders of NDT and welding inspection personnel certification shall have natural or corrected vision satisfying the following criteria:

- A. Corrected or uncorrected near-vision acuity shall permit reading a minimum of Times Roman N4.5 or equivalent letters (having a vertical height of not more than 1.6 mm – see note 3) at not less than 30 cm.
- B. Colour vision (see note 1) shall be sufficient that the candidate can distinguish contrast between the colours or shades used in the NDT method concerned as specified by the employer.

Subsequently to certification, the tests of visual acuity shall be carried out at least annually. Records of tests shall be retained by the employer or responsible agency and provided to the PCB upon request. Failure to do so will invalidate all certification.

NOTE 1. All candidates and holders of certification will be required to have had colour perception assessed by the Ishihara 24 plate test. The test is required every five years. In the event that a colour perception deficiency, indicated by misreading any of the first 17 plates, 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 certified. This trade test is to be documented and the record of the test made available to the PCB upon request.

NOTE 2. The CB accepts that a nominated official of an CB, or a Level 3 certificate holder, having documented proof of satisfactory training in the administration of the test, is recognised as competent to, and may therefore conduct such tests for candidates and holders of certification. The Level 3 administering the near vision test must provide proof of appropriate training upon request by the CB.

NOTE 3. In such cases as a new medical issue arises candidates are required to undergo further eye examinations as some medical conditions such as diabetes or a major medical condition can affect both near vision and colour perception

Forms overleaf may be used to record the results of near vision, colour perception and contrast tests.



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RECORD OF VISION TESTS

Full name of individual tested:			
Certificate holder number:			
Address:			
Telephone:			
Email:			
Employer:			
RESULT OF COLOUR VISION TEST			
Record the Ishihara test results, and indicate if an alternative (trade) test is suggested.			
Number of Ishihara plates correctly interpreted (minimum of first 17):		Record of Ishihara plates failed (the test administrator may, optionally, provide comment on the nature of colour perception deficiency):	
RESULT OF COLOUR VISION TRADE TEST (WHERE NECESSARY - SEE NOTE 1)			
The employer should state the NDT methods and associated colours used by the employee:			
NDT method	Associated colours	colour differentiation	contrast detection
RESULT OF NEAR VISION ACUITY TEST			
(record the smallest text capable of being read).			
Corrected (Fill any one below)		Uncorrected (Fill any one below)	
Times Roman : N		Times Roman :N	
Jaeger number:		Jaeger number:	
DETAILS OF PERSON CARRYING OUT AND RECORDING ANY OF THE ABOVE TESTS			
Signature:		Name:	
		Date of test:	
Organisation and telephone number or e-mail address (please use official stamp if available):			