

 BSS NDT ON DESTRUCTIVE TESTING Pvt. Ltd NDT TRAINING AND SERVICES	BSS NDT Pvt. Ltd.		
	Vision Acuity and Colour Perception Requirements		
	Form No. F-183	Revision 02	Issue Date 04-08-2026

Purpose: To record near-vision acuity and colour-perception assessment for candidates and holders of BSS NDT personnel certification.

1. VISION REQUIREMENTS

Requirement	Criteria
Near vision	Corrected or uncorrected near-vision acuity shall permit reading Times Roman N4.5, or equivalent lettering with a vertical height not exceeding 1.6 mm, at a distance of not less than 30 cm.
Colour perception	Colour perception shall be sufficient to distinguish the contrast between colours or shades used in the applicable NDT method, as specified by the employer.
Frequency	Near-vision testing shall be completed at least annually. Ishihara colour-perception testing shall be completed at least once every five years.
Records	The employer or responsible agency shall retain the test records and provide them to BSS NDT upon request. Failure to maintain valid records may affect the validity of certification.

2. ADDITIONAL GUIDANCE

NOTE 1 - Colour-perception deficiency: The Ishihara 24-plate test shall be used. Where any of the first 17 plates is misread, the employer shall arrange a documented practical or trade test to confirm whether the deficiency affects performance of the relevant NDT method.

NOTE 2 - Person conducting the test: A nominated official of the Certification Body, or an NDT Level 3 certificate holder having documented evidence of satisfactory training in administration of the applicable vision test, may conduct the test for candidates and holders of certification. Evidence of the test administrator's training shall be provided to the Certification Body upon request.

NOTE 3 - Change in medical condition: Where a new medical issue arises, the candidate or certificate holder shall undergo an additional eye examination, since conditions such as diabetes or another major medical condition may affect both near vision and colour perception.

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A. DETAILS OF INDIVIDUAL TESTED

Full name	
BSS certificate / candidate number	
Address	
Telephone	
Email	
Employer / sponsor	

B. ISHIHARA COLOUR-PERCEPTION TEST

Number of plates correctly identified (minimum: first 17 plates)	Plate numbers misread / observations
Result: _____ / 17	
Trade test required: ☐ Yes ☐ No	Overall Ishihara result: ☐ Meets ☐ Does not meet

C. COLOUR-VISION TRADE TEST (COMPLETE ONLY WHEN REQUIRED)

NDT method(s)	Colour / shade differentiation assessed	Meets	Does not meet
	Red / Green differentiation	☐	☐
	Blue / Yellow differentiation	☐	☐
	Grey-shade differentiation	☐	☐
	Other method-specific contrast: _____	☐	☐

D. NEAR-VISION ACUITY TEST

Corrected vision	Result	Uncorrected vision	Result
Times Roman	N _____	Times Roman	N _____
Jaeger number	J _____	Jaeger number	J _____

Near-vision result: ☐ Meets requirement ☐ Does not meet requirement

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E. TEST ADMINISTRATOR DETAILS AND DECLARATION

Name		Qualification / designation	
Organization		Contact details	
Date of test		Signature	
Official stamp			

Declaration: I confirm that the above assessment was carried out using the stated method and that the recorded results are accurate to the best of my knowledge.