

PSL/57WIR ISSUE 6 DATED 1ST April 2018

IMPLEMENTATION DATE: 1st MAY 2018 (this issue can be accepted by PCN prior to 1st May)

WELD INSPECTION – RENEWAL APPLICATION

To ensure continuity, applications for renewal shall be submitted no later than 6 weeks prior to the expiry date.
If the renewal/recertification application has been submitted in time but the application is not complete by the expiry date of the certificate, then the candidate must apply for a late application* and shall incur the financial penalty.

*reference form PSL/28

GENERAL INFORMATION (please read carefully before completing application).

PCN certificates have an issue status of either 01 or 02. Certificates at issue 01 are eligible for renewal, whilst certificates at issue 02 must be recertified.

Issue 01 certificates may be renewed following a review of satisfactory verifiable evidence that:

- The holder has a record of continuous satisfactory work activity, without significant interruption, in inspection and/or testing work appropriate to the scope of the certificate.
- Maintained or updated his or her knowledge in the relevant technology.

This form (PSL/57WIR) is only to be used to apply for renewal of PCN weld inspection certification. Please use PSL/57WIA for initial examination, recertification, or retest of failed examinations.

Form PSL/30 is to be used to record the minimum inspection experience required to gain and maintain PCN certification.

PART 1 - PERSONAL DETAILS

Family name:		Given names:		
Cert No:			Expiry Date:	
Candidate's usual residence, including post code (address that will be shown on the certificate):			Address, including postcode, to which the PCN certificate, when issued, is to be sent.	
			By checking this box I am authorizing PCN to send the certificate to the above address	
Telephone number:			PCN number:	
Gender (optional):			Date of birth (dd/mm/yyyy):	
E-mail address:				

PART 2 - CURRENT OR MOST RECENT EMPLOYMENT

Employer's name and address (if self employed, state this here):	
Telephone:	email:
Applicant's position in the organisation:	Name of manager or supervisor:
I have been employed by the above organisation from: to:	

PART 3 - CONTINUITY OF WELD INSPECTION EXPERIENCE

(Please provide inspection duties carried out over the past 5 years (Actual manual inspection duties, not witness of inspection) one statement per year must be stated and include verifiable details of at least one weld inspection task per annum on PSL/30

PART 4 - CONTINUING PROFESSIONAL DEVELOPMENT SPECIFIC TO WELD INSPECTION INCLUDING DATES

(please provide a detailed description of the nature and duration of relevant further training (external or on-the-job), membership of a relevant professional society, or attendance at events that may be considered as providing professional development during the past five years – continuing on a separate sheet if necessary)

PART 5 - CANDIDATE'S STATEMENT CONFIRMING ELIGIBILITY FOR RENEWAL

I have read and understand PCN Requirements for the certification of personnel engaged in Inspection, particularly the criteria for eligibility, and hereby confirm that I satisfy those criteria covering vision, training and experience. I understand that, in the event of a false statement being discovered, any certification awarded will be null and void.

In the event that I should be awarded PCN certification, I hereby undertake to comply with the PCN Code of Ethics (published as PCN document CP27).

NOTE: BINDT will store and use the information given on this form only for the purpose for which it has been provided. Your personal details and any other data you provide to BINDT will not be passed on to a third-party without your permission. BINDT would like to contact you from time to time to let you know about its other services that may be of interest, such as special offers and discounts, events and new products. If you are happy to be contacted by BINDT, please indicate by ticking the box below:

I am happy for BINDT to contact me with information that may be of interest []

You can subscribe or unsubscribe at any time, simply let us know.

SIGNATURE: DATE:

Send correctly completed application form to: E-mail: pcn@bindt.org

ATTACH

- PCN Vision Requirements, including optional form for recording results of tests vision test certificate issued within the preceding 12 months ([PSL44](#) may be used)
- a record of experience using form [PSL/30](#)
- Certification fee (see part 5 of this form)

There will be an administrative charge for rejected applications, please refer to PSL-35.

PART 6 - VERIFICATION OF CANDIDATE PROVIDED INFORMATION

(to be completed by the sponsor, employer or, if the candidate is self-employed, a referee)

To the best of my belief, the information provided by the applicant named in Part 1 of this form is correct at the time of signing.

NAME:	COMPANY:
POSITION:	TELEPHONE:
E-MAIL:	
SIGNATURE:	DATE:

PART 7 – PAYMENT

Are you VAT registered?
Please provide VAT Number.

Payment type if not paying by card (please tick & complete as appropriate)

Cheque Enclosed?		Bank (BACS)	Transfer		Purchase Number	Order	
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Credit/Debit Card (provide details below)

Please tick the appropriate boxes:

For payment by credit card (tick relevant box):	Visa		MasterCard		Amex		Switch	
							Issue No.	
Corporate/ company card					Personal Card			
Name as shown on the card:								
Card Number								
Signature of above named individual:								
Security code: (Last 3 digits on the security strip on reverse of the card)								
Card valid from:								
Card expiry:								
Billing address: (Address the invoice will be sent to, if Corporate card then address of company and name of whom the invoice should be sent to)								
Please debit the above credit/debit card for the amount shown (applicants must enter the correct amount, which can be ascertained from document PSL/35):	£ : (including VAT)							

There will be an administrative charge for rejected applications, please refer to PSL-35.

LOG OF EXPERIENCE

PSL/30 Issue 11 dated 1st October 2019

IMPLEMENTATION DATE: 1st December 2019

Industrial NDT experience in the applicable NDT method, field of application or inspection application which leads to the acquisition by a PCN candidate of the required skill and knowledge, is to be gained and recorded prior to the award of certification by PCN. In the event that a false statement is made concerning pre-certification experience, any certification awarded as a result will be null and void.

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1. Terms and Definitions:

Inspection Experience – the experience needed to acquire the skill and knowledge to fulfil the provisions of qualification in the appropriate inspection method, and which is gained under the supervision of Appropriately Qualified Personnel, in the application of the inspection method in the sector concerned.

Industrial NDT Experience – the experience needed to acquire the skill and knowledge to fulfil the provisions of qualification in the appropriate sector, and which is gained under the supervision of Appropriately Qualified Personnel, in the application of the NDT method in the sector concerned.

Qualified supervision – supervision of candidates gaining experience by NDT personnel certificated under the PCN Scheme or by non-certificated personnel who, in the opinion of BINDT, possess the knowledge, skill, training and experience required to properly perform such supervision

Appropriately Qualified Personnel – Individuals carrying out supervision of candidates for PCN certification holding relevant certification issued by a BINDT recognised certification body meeting the requirements of ISO/IEC 17024.

***NOTE:** The Supervisors' certificate(s) must be verified as the same or higher level, sector and method and must be valid at the time the experience was gained.

(This may include certification schemes other than ISO 9712, such as EN 4179 and SNT-TC-1A providing that this certification has been gained using external training/examination support provided by a BINDT approved organisation. The organisation must be a BINDT approved ATO, AQB and/or OA status.

Please contact pcn@bindt.org if clarification on this is required. If you do not have an appropriately qualified supervisor, please contact PCN for advice)

THIS NOTE DOES NOT APPLY TO WELD INSPECTION RECERTIFICATIONS/RENEWALS.

2. Required experience: Levels 1, 2 and 3

The candidate shall have had regular practical experience in the application of the NDT method and this will include a specified period of recorded practical work on site or in works under certificated supervision. The minimum periods of experience for eligibility, which may include the required period of training, are specified below:

	LEVEL 1	LEVEL 2	LEVEL 3
NDT METHOD	(months)	(months)	(months)
ET,RT,UT,TOFD,ACFM	3	9	36
PT,MT,VT,PAUT	1	3	24
RI	N/A	6	N/A
Inspection of Wrought Plate (ISO20807)	N/A	4	N/A
Weld Inspection (does not comply with ISO 9712)	Refer to the latest PCN document PCN WI	Refer to the latest PCN document PCN WI	Refer to the latest PCN document PCN WI

For level 2 certification, work experience normally consists of time as a level 1. However, if the candidate is to qualify directly at level 2 with no time at level 1, the experience will consist of the sum of the periods required for levels 1 and 2.

Level 3

Level 3 responsibilities require knowledge beyond the technical scope of any specific NDT method. This broad knowledge may be acquired through a variety of combinations of education, training and experience. The table above details minimum experience for level 3 candidates.

For level 3 candidates who have successfully completed a degree or diploma at a technical school or completed at least two years of engineering or science study at an accredited college or university, proof of qualifications will be required, may be eligible for a reduction in the amount of experience required by 50%.

For Level 3 certification, the intent is that work experience consists of time as a Level 2. If the individual is being qualified directly from Level 1 to Level 3, with no time at Level 2, the experience shall consist of the sum of the times required for Level 2 and Level 3. No reduction in the period of experience shall be allowed.

Work experience, which is based on a nominal 40 hour working week, may be gained simultaneously in two or more of the NDT methods for which PCN certification is sought, with the reduction of total experience as follows:

- * Two testing methods - reduction of total time required by 25%
- * Three testing methods - reduction of total time required by 33%
- * Four testing methods - reduction of total time required by 50%

NOTE: Level 3 candidates must have the required amount of NDT experience prior to taking any examination.

3. Recording experience

Candidates will be required to provide documented proof, authenticated by an employer or responsible agency (who PCN may contact for verification purposes), of the above work experience before an application for certification can be accepted by PCN. Please list all employers during the period in which experience was gained:

The forms overleaf, which may be freely copied, are intended to assist the PCN candidate in recording employment whilst gaining experience for certification.

Candidate's name: _____ PCN number (if known): _____

Email: _____ Telephone: _____

NDT Method or Inspection Method	NDT Technique or Inspection Technique	Description of component, material and/or structure tested	Details of application, procedure, code or standard	Experience gained		Signature, name and contact e-mail or telephone number of certificated supervisor (you must include a copy of the relevant certificates of the supervisor signing below refer to *NOTE)
				from DD/MM/YY	to DD/MM/YY	
						Name of supervisor: Position in Company: Contact Email: Tel: Signature:

***NOTE: The Supervisors' certificate(s) must be verified as the same or higher level, sector and method and must be valid at the time the experience was gained.**

(This may include certification schemes other than ISO 9712, such as EN 4179 and SNT-TC-1A providing that this certification has been gained using external training/examination support provided by a BINDT approved organisation. The organisation must be a BINDT approved ATO, AQB and/or OA status. Please contact pcn@bindt.org if clarification on this is required. If you do not have an appropriately qualified supervisor, please contact PCN for advice)

THIS NOTE DOES NOT APPLY TO WELD INSPECTION RECERTIFICATIONS/RENEWALS.

Summary of changes

Issue	Issue date	Summary of changes
10	01.07.2018	NOTE changed to state same or HIGHER level, sector and method.
11	01/10/2019	Day, month, year added to experience log

PSL/44 VISUAL ACUITY AND COLOUR PERCEPTION – GUIDANCE DOCUMENT

Issue 19 Dated 1st April 2021

This document is issued as guidance to PCN examination candidates, PCN certificate holders and Authorised qualifying Bodies conducting examinations on behalf of BINDT (PCN).

It is a requirement of ISO9712:2012 that all examination candidates and holders of PCN certification meet the minimum requirements for visual acuity and colour perception as stated in ISO 9712:2012 (extracts in italics below)

5.5.3 *In respect of certified personnel under their control the employer shall be responsible for:*

d) ensuring that the annual visual acuity requirements of 7.4 a) are met;

7.4 Vision requirements — all levels

The candidate shall provide documentary evidence of satisfactory vision in accordance with the following requirements:

a) near vision acuity shall permit reading a minimum of Jaeger number 1 or Times Roman N 4.5 or equivalent letters (having a height of 1,6 mm) at not less than 30 cm with one or both eyes, either corrected or uncorrected;

b) colour vision shall be sufficient that the candidate can distinguish and differentiate contrast between the colours or shades of grey used in the NDT method concerned, as specified by the employer. The certification body may consider replacing the requirements in a) by compliance with an appropriate alternative. Subsequent to certification, the tests of near visual acuity shall be carried out annually and verified by the employer.

Candidates and employers should make themselves aware of their responsibilities with regard to visual acuity and colour perception testing. The responsibility remains with the employer.

With regard to PCN examination candidates BINDT advises AQB's that a current VA/CP certificate or documented attestation by the employer is deemed as acceptable documentary evidence of satisfactory vision in accordance with ISO 9712 requirements. Documented employer attestation may be in the form of a compliant statement. However the employer should retain the results of visual acuity and colour perception tests as they may be required to provide evidence of testing when requested by BINDT and/or a client.

The Authorised Qualifying Body (AQB) may at their discretion conduct a suitable VA/CP test prior to examination. This test shall be to satisfy the AQB that the candidate possesses an acceptable level of VA/CP and does not absolve the employer of their responsibilities under the Governing Standard. The AQB is required to retain records of any VA/CP tests it conducts. An example form for recording tests conducted by the AQB is attached at Annex A. The AQB may use alternative recording methods at their discretion.

PCN will recognise the Tumbling E Chart as a satisfactory alternative near vision test as permitted by ISO9712:2012 clause 7.4. BS EN ISO 18490 (Non -destructive testing — Evaluation of vision acuity of NDT personnel) is the Governing standard for tumbling "E" testing.

Note: The new version of ISO9712 (anticipated during 2020) is scheduled to mandate BS EN ISO 18490 as the Governing standard for visual acuity testing. At such time the PCN requirements will change and this Guidance document amended accordingly.

Tumbling "E" test charts are available at <http://www.eminspection.co.uk/visiontests/>

Laminated hand held vision test charts are available from a number of suppliers, including the Institute of Optometry*. *<http://www.ioosales.co.uk/html/practice/eye06B.html>

All candidates and holders of PCN certification are required to have colour perception that allows them to distinguish between the colours associated with the relevant NDT method. The decision regarding the test method designed to meet this requirement remains with the employer.

BINDT recommends the use of the Ishihara 24 plate test as the base test. For Radiography methods a supplemental grey scale test is recommended.

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 required 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/she is certificated. This trade test is to be documented and the record of the test made available to BINDT upon request.

The employer must also consider new medical issues that may arise that may require candidates or certificate holders to undergo further VA/CP tests as some medical conditions such as diabetes or a major medical condition can affect both near vision and colour perception.

Following certification, ISO 9712 mandates that the employer is responsible for ensuring that the tests of visual acuity are carried out at least annually. Records of tests shall be retained by the employer or responsible agency and provided to PCN upon request. Failure to do so will invalidate all PCN certification.

The Colour Perception test is required every five years (as a minimum).

BINDT accepts that a *nominated official of an Authorised Qualifying Body, a PCN Level 3 certificate holder or a medical professional, having documented proof of satisfactory training in the administration of the test, and is recognised as competent may conduct such tests for candidates and holders of PCN certification.

**nominated officials must provide proof of appropriate training upon request by BINDT.*

ANNEX A:
RECORD OF VISION TEST

Name of individual tested:		PCN number:	
Employer:			
Address:			
Telephone:		Email:	
RESULT OF NEAR VISION TEST (record the smallest text capable of being read).			
CORRECTED		UNCORRECTED	
OPTION 1: Times Roman N: _____, or OPTION 2: Jaeger number: _____		OPTION 1: Times Roman N: _____, or OPTION 2: Jaeger number: _____	
OPTION 3: RESULT OF NEAR VISION TEST – Tumbling E Option (candidates should correctly identify 5 out of 5 on each line, and lines 1-9)			
CORRECTED		UNCORRECTED	
Line 1 Pass/Fail Line 2 Pass/Fail Line 3 Pass/Fail Line 4 Pass/Fail Line 5 Pass/Fail Line 6 Pass/Fail Line 7 Pass/Fail Line 8 Pass/Fail Line 9 Pass/Fail		Line 1 Pass/Fail Line 2 Pass/Fail Line 3 Pass/Fail Line 4 Pass/Fail Line 5 Pass/Fail Line 6 Pass/Fail Line 7 Pass/Fail Line 8 Pass/Fail Line 9 Pass/Fail	
RESULT OF ISHIHARA COLOUR VISION TEST Record the Ishihara test results, and indicate if an alternative (trade) test is suggested.			
Please tick the box of the Ishihara plate edition tested: <i>Failure to record this will result in vision test being rejected</i> <input type="checkbox"/> 17 plates <input type="checkbox"/> 24 plates <input type="checkbox"/> 38 plates (MINIMUM OF FIRST 17)		Record of Ishihara plates failed. Please tick the appropriate box as below: <input type="checkbox"/> Plates tested passed with no errors <input type="checkbox"/> Plates tested failed, see attached trade test	
RESULT OF GREY SCALE TEST			
Which grey scale test was used?		Number of correct readings given for Dr Kolbl ONE/TUV/BV Eye Examination (20 minimum) Pass/Fail (delete as appropriate) The Skerik grey scale test: - Contrast modification – It is required that the contrast of 2% and above shall be clearly discriminated on pattern while contrast of less than 1% shall not be visible. Pass/Fail (delete as appropriate)	

COLOUR VISION TRADE TEST

Name of individual tested:		PCN number:	
Employer:			
Address:			
Telephone:		Email:	
RESULT OF COLOUR VISION TRADE TEST (WHERE REQUIRED SEE ABOVE) The employer should state the NDT methods and associated colours used by the employee:			
NDT METHOD	ASSOCIATED COLOURS	COLOUR DIFFERENTIATION	CONTRAST DETECTION
RESULT OF OPTIONAL FAR VISION TEST			
CORRECTED		UNCORRECTED	
Corrected far vision acuity shall have a minimum value of 0.8 (or imperial measurement 6/7.5 i.e. the candidate will be able to read the characters on the line marked 7.5 M-units at a distance of 6 metres). Pass/Fail (delete as appropriate)		Uncorrected far vision acuity shall have a minimum value of 0.8 (or imperial measurement 6/7.5 i.e. the candidate will be able to read the characters on the line marked 7.5 M-units at a distance of 6 metres). Pass/Fail (delete as appropriate)	
DETAILS OF PERSON CARRYING OUT AND RECORDING ANY OF THE ABOVE TESTS			
Signature:		Name of tester:	
		Date of test:	
		Expiry date of test: (note: maximum 12 months from date of test but may be prior to that)	
Organisation and telephone number (please use official stamp if available):			

SUMMARY OF CHANGES

Issue	Issue date	Summary of changes
18	1 st July 2020	<ul style="list-style-type: none">• Overall the document has changed to enforce the employer's responsibility• Document title changed FROM Vision requirements to Visual Acuity and Colour Perception Guidance document• Direct clause references to ISO 9712
19	1 st April 2021	<ul style="list-style-type: none">• Minor grammatical changes (highlighted in text) to better clarify intent