



Welding Inspector

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RSA

1.0 PURPOSE

The purpose of this International Personnel Certification Schemes (IPCS) is to define RSA minimum qualification and certification requirements of Welding Inspector in accordance with The American Welding Society (AWS) Standard B5.1.

2.0 SCOPE

- 2.1 This IPCS has been developed to assist in meeting the minimum requirements for qualification and certification of personnel seeking for Welding Inspector certification in accordance with AWS's Standard B5.1:2013, AMD1:2014.
- 2.2 The Levels of Welding Inspector covered by this IPCS are listed in Section 6.0 as used in accordance with the applicable codes, standards, specifications and regulations referenced below.
- 2.3 Certification to this IPCS provides an attestation of general competence of the Plant Inspector. It does not represent an authorization to operate, since this remains the responsibility of the employer, and the certified personnel may require additional specialized knowledge of parameters such as equipment, procedures, materials and products specific for the employer.
- 2.4 Authorization to operate shall be given in writing by the employer in accordance with a quality procedure that defines any employer-required job-specific training and examinations designed to verify the certificate holder's knowledge of relevant industry code(s), standard(s), procedures, equipment, and acceptance criteria for the inspected products.

3.0 REFERENCES

- a. AWS B5.1:2013, AMD1:2014, An American National Standard - Specification for the Qualification of Welding Inspectors.
- b. RSA-QM-1001 Revision 0, Quality Manual - RSA Certification Body Quality Management System.

4.0 ABBREVIATIONS, TERMS AND DEFINITIONS

For the purposes of this document, the abbreviations, terms and definitions given in the reference documents listed in 3.0 above shall apply.

5.0 JOB AND TASK DESCRIPTION

- 5.1 Welding inspection is a quality control phase of welding process that, by means of examination, observation, or measurement, determines the conformance of welded joints to predetermined quality requirements.
- 5.2 The Welding Inspectors are responsible to the owner/user to assure weldment meets the acceptance criteria of a specific code, standard, or other document. It involved quality control processes:
 - a. before welding,
 - b. during welding, and
 - c. after welding.
- 5.3 The welding inspector must be thoroughly familiar with welding processes, welding procedures, welder qualifications, materials, the limitation of weld testing, be able to read drawings, prepare and keep records, prepare and make reports, and make responsible judgments.
- 5.4 All physical welding inspection activities shall be performed by inspectors qualified and certified to perform welding inspection as:
 - a. Associate Welding Inspector,
 - b. Welding Inspector, or
 - c. Senior Welding Inspector.
- 5.5 The Welding Inspectors shall be directly involved in the inspection activities, especially visual inspections, which in most cases will require field activities to ensure that procedures and inspection plans are followed in accordance with the technical objectives of the project, the codes and standards that are to be used, and the quality assurance elements that are to be employed.
- 5.6 The Welding Inspectors shall review, evaluate and accept all visual inspection, NDT and heat treatment reports.
- 5.7 The Welding Inspectors shall make appropriate recommendations for acceptance, repairs and disposal of welded joints.
- 5.8 As specified by qualification level, the welding inspection personnel shall, at a minimum, be able to perform the tasks listed in Table 1.

Table 1: Welding Inspection Capabilities Based on Qualification Level

No.	Capabilities	AWI	WI	SWI
A	Inspection			
1	perform visual examinations	X	X	X
2	verify examination procedure compliance		X	X
3	review examination results compliance		X	X
4	develop visual inspection procedures (before, during, and after welding)		X	X
5	provide NDE inspection planning and scheduling (before, during, and after a project)		X	X
6	review welding inspection reports		X	X
7	verify implementation of nondestructive and destructive evaluation methods		X	X
8	prepare visual inspection requirements			X
9	prepare NDE requirements			X
10	report investigation results of quality inspection disputes			X
11	prepare destructive testing requirements			X
B	Safety			
1	be knowledgeable of applicable safety requirements	X	X	X
C	Quality Assurance			
1	perform audits and surveillance		X	X
2	implement weld inspection quality assurance plans		X	X
3	prepare weld inspection quality assurance plans			X
4	prepare base material control requirements			X
5	prepare weld consumable control requirements			X
6	prepare audit and surveillance plans			X
7	prepare documentation control requirements			X
D	Project Management			
1	review contract requirements		X	X
2	review vendor proposal compliance		X	X
3	prepare weld inspection bid specifications			X
4	prepare purchase specifications			X
5	determine vendor capacity and capability			X
6	select vendor			X
E	Training			
1	develop and provide a training program for the AWI		X	X
2	develop visual inspection training		X	X
3	verify implementation of visual inspection training		X	X
4	develop and provide a training program for the WI			X
5	provide technical leadership for welding inspectors			X
6	verify implementation of quality assurance training			X
7	provide guidance and direction to inspectors for maintaining and upgrading their individual qualifications			X
F	Evaluation			
1	evaluate AWIs performance		X	X
2	evaluate WIs performance			X
3	perform inspection results trend analysis			X

6.0 LEVEL OF CERTIFICATION

6.1 Associate Welding Inspector

All inspections performed by the Associate Welding Inspector shall be made under the active supervision a Welding Inspector or Senior Welding Inspector. The Welding Inspector or Senior Welding Inspector shall maintain the responsibility for determining if welded assemblies conform to workmanship and acceptance criteria.

6.2 Welding Inspector

6.2.1 The Welding Inspector shall be able to supervise and train Associate Welding Inspector.

6.2.2 The Welding Inspector shall be able to perform inspections or to verify that the work inspected conform to the requirements of the applicable standards.

6.2.3 The Welding Inspector shall be able to conduct audits of suppliers and organizations providing materials or services to the project.

6.2.4 The Welding Inspector shall ensure the work performed and associated records are maintained and conform to the requirements of the applicable standards or other contract documents.

6.2.5 The Welding Inspector shall be able to certify the qualification of welding procedures and welders to various codes or standards.

6.3 Senior Welding Inspector

6.3.1 The Senior Welding Inspector shall be able to perform inspections, supervise one or more Welding Inspector, Associate Welding Inspector, or NDT personnel, prepare inspection procedures, review and interpret joining procedures, conduct audits of vendors and/or organizations providing materials or services to the project, and ensure that the work performed and the records maintained conform to the requirements of the applicable standards and other contract documents.

6.3.2 The Senior Welding Inspector shall be able to perform inspections or to verify that the work inspected and records maintained, conform to the requirements of the applicable standards.

6.3.3 The Senior Welding Inspector shall be able to certify the qualification of welding procedures and welders to various codes or standards.

7.0 PRE-REQUISITE

- 7.1 Applicants seeking Associate Welding Inspector, Welding Inspector and Senior Welding Inspector certifications shall meet the applicable education and experience requirements as described in Table 2.
- 7.2 Required work experience shall be in one or more welding functions as defined under Section 6.0.

Table 2: Education and Experience Requirements

No.	Requirement	Requirements		
		AWI	WI	SWI
A	Requirements			
1	Pre-requisite (6 years out of 8 years)	-	-	WI
2	High school graduate, or hold a state or military approved high school equivalency diploma	Yes	Yes	Yes
3	Years of experience in an occupational function with a direct relationship to weldments fabricated to national or international standards	2	5	15
B	Alternatives to A2 and A3, years of work experience in welding functions as defined under 6.0			
1	Eighth grade level of schooling	4	9	-
2	Less than an eighth grade level of schooling	6	12	-
3	Eighth grade level of schooling with a minimum of one year of vocational education and training in a welding curriculum	3	-	-
4	Two years post-high school education in welding curriculum or engineering technology, engineering, or physical sciences	1/2	-	-
5	Bachelor or higher degree in Welding in welding engineering or welding technology	-	1	11
6	Associate or higher degree in welding or non-welding related engineering technology, engineering, or physical sciences	-	2	12
7	Engineering/technical school courses with successfully completed courses in a curriculum that can be (or could be) applied to (B5) above	-	3	13
8	Trade/vocational courses with successfully completed courses in a curriculum related to welding that can be (or could be) applied to (B5) above	-	4	14

- 7.3 The applicant documents required include a listing of all educations, relevant work and employment. The documents shall include:
- a. an education background with relevant supporting documents,
 - b. a listing of all relevant employers and their contact information when available,
 - c. the nature of the work performed, the dates of employment, and
 - d. a letter of verification from the employer or client.
- 7.4 The educations, relevant work and employment documentation is subject to verification by Certification Department and false information is caused to reject the application and can disqualify the applicant from testing to become an Associate Welding Inspector, Welding Inspector or Senior Welding Inspector.

8.0 TRAINING REQUIREMENTS

- 8.1 The applicant shall provide documentary evidence, acceptable to RSA, that he has satisfactorily completed training in the subjects and level for which the certification is sought.
- 8.2 The training may include instructor-led training, personalized instruction, virtual instructor-led training, computer-based training, or web-based training.
- 8.3 Associate Welding Inspector and Welding Inspector applicants shall satisfactorily complete a training program in the subjects listed in Table 3.
- 8.4 Senior Welding Inspector applicants shall satisfactorily complete a training program in the subjects listed in Table 4.
- 8.5 As a minimum, training shall include sufficient information to ensure that the applicant understands each of the subjects.

9.0 INDUSTRIAL EXPERIENCE

- 9.1 For all levels, experience may be sought following successful examination, the results of the examination shall remain valid for three (3) years after examination.
- 9.2 Documentary evidence of experience shall be confirmed by the employer and submitted to RSA.

Table 3: Associate Welding Inspector and Welding Inspector Training

Part	Subject	Required Training (Hours)
A	Fundamentals	16
1	Definition and Terminology	
2	Welding Processes	
3	Symbols – Welding and NDT	
4	Weld Examination	
5	Welding Performance	
6	Test Methods – NDT	
7	Heat Control & Metallurgy (carbon and low-alloy steel)	
8	Welding Related Calculations	
9	Duties and Responsibilities	
10	Destructive Tests	
11	Cutting	
B	Practical Application	16
1	Welding Inspection and Flaws	
2	Procedure and Welder Qualifications	
3	Mechanical Test and Properties	
4	NDT	
5	Utilization of Specification and Drawings	
C	Code Book Application	8
1	Qualification	
2	Fabrication	
3	Inspection	
4	Reports and Records	
5	Material and Design	

- 9.3 Applicants shall have experience in an occupational function with a direct relationship to weldments fabricated to national or international standards and directly involved in one or more of the following:
- development of procedures, inspection requirements, acceptance criteria, and specifications for weldments,
 - planning, control, and application of base metals and filler metals in the preparation and completion of production weldments, and
 - as a welder, welding operator, or tack welder in fabrication, manufacturing, or construction.

Table 4: Senior Welding Inspector Training

No.	Subject	Required Training (Hours)
A	Technical Fundamental	
1	Heat Control & Metallurgy (High Alloy Steel and Nonferrous Materials)	16
2	NDT Fundamentals, Technique and Applicability (VT, PT, MT, RT, UT)	
3	Welding and Allied Processes	
4	Destructive Testing Fundamentals, Techniques, and Applicability including Groove Welds, Fillet Welds, Stud Welds, and Weldability Testing	
5	NDT Applicability (LT)	
B	Administrative Fundamentals	
1	Welding Procedure Qualification and Code Compliance	16
2	Welding Personnel Qualification and Certification	
3	Welding Inspection and NDT Personnel (Qualification and Certification)	
4	Quality Assurance/Quality Management, including: <ol style="list-style-type: none"> Quality Program Document Control Procurement and Supplier Control Calibration Quality Control Process Control Statistical Quality Control Trend Analysis Nonconformance Control Auditing and Surveillance Corrective Action Records 	
5	Project Management	
6	Personnel Management and Training Programs (Performance Evaluation)	

10.0 VISION REQUIREMENTS

10.1 Requirements

The applicant shall provide documentary evidence of satisfactory vision in accordance with the requirements described in Sections 10.2 through 10.4 below.

10.2 Administration

The vision examinations shall be administered by an optometrist or a qualified person authorized by the employer. The tests of near visual acuity shall be carried out at initial certification and subsequent annually and verified by the employer.

10.3 Near-Vision Acuity

The examination shall ensure natural or corrected near-distance acuity in at least one eye such that the applicant is capable of reading a minimum of Jaeger Number 1 or Times Roman N4.5 or equivalent letters (having a height of 1.6mm) at the distance not less than 30.5cm.

10.4 Color Contrast Differentiation

The examination shall demonstrate the capability of distinguishing and differentiating contrast among colors or shades of gray used in the method, as specified by the employer.

11.0 CONDUCT OF EXAMINATION

- 11.1 The applicant shall fulfil the minimum requirements of Training and Vision prior to the qualification examination.
- 11.2 All examinations shall be conducted in examination centers established, approved, and monitored by Certification Department.
- 11.3 At the examination, the applicant shall have in his possession valid proof of identification and an official notification of the examination, which shall be shown to the examiner or invigilator upon demand.
- 11.4 Any applicant who, during the course of the examination, does not abide by the examination rules or who perpetrates, or is an accessory to, fraudulent conduct shall be excluded from all further qualification examinations for a period of at least one (1) year.
- 11.5 Applicant shall not be permitted to bring into the examination area personal items, unless specifically authorized to do so by the examiner.
- 11.6 During the examination, applicants will be expected to choose the best answer from the options provided.
- 11.7 The Examination Department shall be responsible for the administration and initial grading of examinations. However, practical examination shall be invigilated by a person certified as Welding Inspector or Senior Welding Inspector.
- 11.8 All qualification examination questions shall be approved by the Certification Department. The examination shall include only questions selected in an unpredictable way from RSA collection of questions valid at the date of examination.
- 11.9 Written examination (whether e-assessment or conventional) shall be invigilated by an examiner or by one or more trained invigilators placed under an examiner's responsibility.
- 11.10 An examiner shall not be permitted to examine any applicant:

- a. that he has trained for the examination for a period of two years from the date of the conclusion of the training activities.
- b. who is working (permanently or temporarily) in the same facility as the examiner

11.11 Final grading shall be the responsibility of Certification Department.

12.0 EXAMINATION

12.1 Associate Welding Inspector

12.1.1 Associate Welding Inspector applicant shall be given Part A, Part B and Part C of Welding Inspector examinations and shall achieve the Associate Welding Inspector examination scores in Table 5.

12.1.2 The applicant shall also comply with Section 12.2.2 below.

12.2 Welding Inspector

12.2.1 Welding Inspector applicant shall be given Part A, Part B and Part C of Welding Inspector examinations and shall achieve the Welding Inspector examination scores in Table 5.

12.2.2 The applicant shall select and indicate on his/her certification application the code to which they are to be tested. Applicants are responsible for verifying with RSA which codes are available and which editions of those codes are applicable to the examination.

Table 5: Associate Welding Inspector/Welding Inspector Examination

Part	Examination	Type	Number of Questions	Time (minutes)	Passing Score (%)	
					AWI	WI
A	Fundamentals		150	210	60	70
	All topics related to the following: <ul style="list-style-type: none"> • Destructive Testing • Fabrication Math • Safety in Welding • Metallurgy • Nondestructive Testing • Understanding Welding Symbols • WPS/PQR • Welding Fundamentals 	Multiple-choice and closed- book				
B	Practical Application		50	180	62	72
	Hands-on activities using equipment and samples provided by RSA include the following: <ul style="list-style-type: none"> • Application of WPSs and PQRs • Use of Inspection Tools and Methods 	Short answer and/or multiple- choice				

	• Execution of Required Welds					
C	Code Book Application		50	150	62	72
	Establishes the applicant's ability to locate and understand information in the code book.	Multiple-choice and opened-book				
Minimum composite score of Part A, Part B and Part C					62	72

12.3 Senior Welding Inspector

Senior Welding Inspector applicant shall be given Part A and Part B of Senior Welding Inspector examinations and shall achieve the Senior Welding Inspector examination scores in Table 6.

13.0 GRADING

13.1 Each examinations shall be graded separately. When conventional pre-prepared paper-based examinations are used, an examiner shall be responsible for the grading of the examinations by comparison with model answers. E-assessment systems that automatically score applicant responses against stored data and grade the completed written examination according to prepared algorithms may be used.

Table 6: Senior Welding Inspector Examination

Part	Examination	Type	Number of Questions	Time (minutes)	Passing Score (%)
A	Technical Fundamentals		100	120	72
	All topics related to the following: <ul style="list-style-type: none"> • Welding and allied processes • Heat control and metallurgy • NDT fundamentals • NDT applicability • Destructive Testing 	Multiple-choice and opened-book			
B	Administrative Fundamental		100	120	72
	All topics related to the following: <ul style="list-style-type: none"> • Welding procedure qualification • Welding personnel qualification and certification • Welding inspection and NDT personnel qualification and certification • Quality assurance • Safety programs and procedures • Project management • Personnel management and training 	Multiple-choice and opened-book			
Minimum composite score of Part A, Part B and Part C					72

13.2 To be eligible for certification, Associate Welding Inspector and Welding Inspector applicants shall pass the minimum scores in Table 5.

13.3 To be eligible for certification, Senior Welding Inspector applicants shall pass the minimum scores in Table 6.

- 13.4 The examination are graded by comparing the replies given by the applicant against answer keys approved by RSA. Each correct reply scores 1 point and the mark attributed to the tests is the sum of the points obtained. For the final calculation, the mark of each test is expressed as a percentage.

14.0 RE-EXAMINATION

- 14.1 Applicant failing for reasons of unethical behaviour shall wait at least twelve (12) months before reapplying.
- 14.2 Applicant who fails to obtain the pass grade for any examination part, may be re-examined three (3) times in the failed part(s), provided that the re-examination takes place not sooner than thirty (30) days, unless further training acceptable to RSA is satisfactorily completed, nor later than three (2) years after the original examination.
- 14.3 Applicants may take the first retest(s) of the failed parts(s) without additional training. Only one retest without documented evidence of additional training is permitted.
- 14.4 Applicant failing all permitted re-examination shall apply for and take the examination in accordance with the procedure established for new personnel.
- 14.5 For Associate Welding Inspector and Welding Inspector applicants, any additional retests (2nd or 3rd retests) shall require documented evidence of additional training in accordance with the following:
- a. Full 3-part reexamination, minimum forty (40) hours of further training received in welding inspection in the exam subjects and categories in Table 3.
 - b. Each part retest, minimum hours of further training received in welding inspection specific exam subjects and categories failed shall be in accordance with Table 3.
 - c. An applicant who fails to pass the Part C - Code Book Application portion of the examination is required to retest using the same code used for the original examination during the three (3) year retest period.
- 14.6 For Senior Welding Inspector, re-examinations shall be considered as any tests taken within one year (12 months) of the original test date. Applicants may take up to two (2) reexaminations within one year of the original test date.

15.0 QUALIFICATION ASSESSMENT

- 15.1 The applicant shall fulfil the minimum requirements of education, training, experience, examinations and vision prior to certification.
- 15.2 The applicant shall provide documentary evidence, acceptable to RSA, the following:
- a. education,
 - b. experience,
 - c. satisfactorily completed training, and
 - d. recent vision test.
- 15.3 Certification Department shall verify the examination grades given by the Examination Department.

16.0 IPCS CERTIFICATION

- 16.1 Certification of IPCS Welding Inspectors shall be based on demonstration of satisfactory qualification in accordance with Section 15.0 on a serialized (unique number) certificate and a wallet card stating that the applicant has met the IPCS certification requirements.
- 16.2 Certification certificates and wallet cards shall contain the following:
- a. the family name and forename of the certified inspector,
 - b. the date of issue of the certification,
 - c. the date upon which certification expires,
 - d. a reference to AWS reference document and year of revision,
 - e. the level of certification,
 - f. the name of RSA,
 - g. if applicable, the scope of limitations to the certifications and the special applications,
 - h. a unique inspector identification number,
 - i. the signature of the certified inspector,
 - j. a photograph of the certified inspector in the case of the wallet card,
 - k. a device to prevent falsification of the wallet card, e.g. use of a cold seal, welding into plastic, and
 - l. the signature of Certification Manager.
- 16.3 Qualification certificates shall be fully completed at the time of signing by the Certification Manager. No fill-in-the-blank data remains to be completed by others.

17.0 CERTIFICATION VALIDITY

Certification becomes effective from the date of completion of the initial examination and shall be valid for three (3) years unless revoked for reasons defined in Sections 18.0 and 20.0.

18.0 CONDITION OF CERTIFICATION

The period of validity shall commence (date of issue of the certification) when all of the requirements for certification (education, training, experience, satisfactory vision test, success in examination) are fulfilled. Certification becomes invalid:

- a. at the discretion of RSA, e.g. after reviewing evidence of behaviour incompatible with the certification procedures or failure to abide by a code of ethics,
- b. if the inspector becomes physically incapable of performing his duties based upon failure of the visual acuity examination taken annually under the responsibility of his employer,
- c. if the inspector has not been actively engaged in the performance or supervision of welding inspection activities for a period of one (1) year or more during the certification period, and
- d. if the inspector fails recertification, until such time he/she meets the requirements for recertification or initial certification.
- e. if examination or certification fees are not paid when due.

19.0 CERTIFICATION VERIFICATION

- 19.1 RSA shall release certification test results only to the applicant, or to a person or agency designated by the applicant upon written request, and with notarized and witnessed release.
- 19.2 Requests for verification of status and certification number of Welding Inspectors shall be provided to the requestors. Only the certification number, date certified, expiration date, photo, current status (current, revoked, etc.), and certification limitations (corrected vision, etc.) shall be provided by the RSA staff members without the express written approval of the inspector or certificate holder.

20.0 SUSPENSION AND WITHDRAWAL

- 20.1 The Certification Department shall have the power to suspend, refuse renewal, revoke, place on probation, or reprimand the Welding Inspector certification for misrepresentation of facts regarding personal qualifications, status, assignments, etc., relating to personnel certifications whether such misrepresentation was made at the time of application or on subsequent applications (renewal, etc.).
- 20.2 The Certification Department may suspend, refuse renewal, revoke, place on probation, or reprimand a certificate holder, if found guilty of any unauthorized practice as outlined in Code of Ethics, Rules of Conduct, and Practice.
- 20.3 Reinstatement of a revoked certificate shall be allowed with no penalty or prejudice to the individual provided the reason for such revocation has been rectified to the Certification Committee's satisfaction.

21.0 CERTIFICATION RENEWAL

- 21.1 The renewal application shall be presented within six (6) months before the date of expiration of the certification. Application presented within twelve (12) months after the date of expiration shall require recertification in accordance with Section 22.0 below. Over this period, no exception is admitted and the inspector shall take full examination in accordance with the procedure established for new applicant.
- 21.2 Associate Welding Inspector are not eligible for renewal. An Associate Welding Inspector may only hold the certification for up to a three (3) years period.
- 21.3 Welding Inspector and Senior Welding Inspector certification may be renewed for a new period of three (3) years on production of:
- documentary evidence of a satisfactory visual acuity examination taken within the preceding 12 months.
 - actively engaged as Welding Inspector within the most recent three-year certification period.
 - taken a twenty (20) multiple choice questions Quiz relating to the latest revision of procedures, standards and codes, and shall pass minimum 72%.

- 21.4 “Actively engaged” shall be defined as “no time period the inspector not performing or supervising of welding inspection activities for a period of one (1) or more years during the certification period”.
- 21.5 The Inspectors are allowed to attempt two (2) Quiz re-tests and shall not beyond the expiry of the certificate. Inspectors failing all permitted Quiz re-tests shall be re-certified in accordance with Section 22.0 below.

22.0 RE-CERTIFICATION

- 22.1 Re-certification by written examination is required for any one of the following factors:
- a. Inspectors who satisfy requirement 21.2a but have not satisfy requirements 21.2b and/or 21.2c, and
 - b. Every nine (9) years renewal from the date of initial certification, and satisfy requirements 21.2a.
- 22.2 The Inspectors are allowed to attempt two (2) re-tests and shall not exceed one (1) year after the expiry of the certificate.
- 22.3 Inspectors failing all permitted recertification examination re-tests shall apply for and take full examination in accordance with the procedure established for new applicant.
- 22.4 The Welding Inspector re-certification examination shall be by taking the Welding Inspector Part B Practical Application examination and meet the scoring requirements in Table 5.
- 22.5 The Senior Weldin Inspector re-certification examination shall be by taking the Senior Welding Inspector Part B Administrative Fundamental examination and meet the scoring requirements in Table 6.

23.0 CERTIFICATION LEVEL UPGRADE

- 23.1 IPCS Associate Welding Inspector may be upgraded to Welding Inspector by satisfying the Welding Inspector requirements for education, training, experience, vision test and examination.
- 23.2 IPCS Associate Welding Inspector whose scores on each part of the examinations meet the requirements of Welding Inspector but did not meet the experience Welding Inspector may request an upgrade to Welding Inspector once the experience requirements are met. The validity of the new Welding Inspector certificate shall not exceed the original period of Associate Welding Inspector certificate.
- 23.3 IPCS Welding Inspector may be upgraded to Senior Welding Inspector by satisfying the Senior Welding Inspector requirements for education, training, experience, vision test and examination.

24.0 RECORDS

Personnel certification records shall be maintained and updated for the duration of 10 years after expiry and shall include the following:

- a. Name of certified individual.
- b. Level of certification and limitations (if any), as applicable.
- c. Educational background and experience of certified individuals.
- d. Records indicating satisfactory completion of training.
- e. Results of the vision examinations for the current certification period.
- f. Current examination copy(ies) or evidence of successful completion of examinations.
- g. Composite grade(s) or suitable evidence of grades.
- h. Dates of certification and/or recertification.
- i. Certification expiration date.

