



Plant Inspection

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1.0 PURPOSE

The purpose of this International Personnel Certification Schemes (IPCS) is to define RSA minimum qualification and certification requirements of Plant Inspector in accordance with the American Petroleum Institute (API).

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 Plant Inspector certification in accordance with API documents listed in 3.0 below.
- 2.2 The Levels of Plant Inspectors 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 holders's knowledge of relevant industry code(s), standard(s), procedures, equipment, and acceptance criteria for the inspected products.

3.0 REFERENCES

- a. API 510:2014 Addendum 2:2018, Pressure Vessel Inspection Code: In-service Inspection, Rating, Repair, and Alteration.
- b. API 570:2016 Addendum 2:2018, Piping Inspection Code: In-service Inspection, Rating, Repair, and Alteration of Piping Systems.
- c. API Standard 653:2014 Addendum 2:2020, Tank Inspection, Repair, Alteration, and Reconstruction.
- d. API Recommended Practice 572:2016, Inspection of Pressure Vessels.
- e. API Recommended Practice 574:2016, Inspection Practices for Piping System Components.
- f. API Recommended Practice 575:2020, Inspection of Atmospheric and Low-Pressure Storage Tanks.
- g. API Recommended Practice 571:2020, Damage Mechanisms Affecting Fixed Equipment in the Refining Industry.
- h. API 579-1/ASME FFS-1:2016, Fitness-For-Service.

- i. API Recommended Practice 580: 2016, Risk-based Inspection.
- j. 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 Plant inspection is an in-service phase of equipment inspection, rating, repair, alteration and reconstruction of hydrocarbon and chemical processing plant to assure the integrity and determine the service life of the equipment for further safe operation. This includes:
 - a. pressure vessel,
 - b. process piping, and
 - c. aboveground storage tank.
- 5.2 The Plant Inspectors are responsible to the owner/user to assure that the inspection, NDT, repairs, and pressure testing activities meet the specific code, standard, or other document.
- 5.3 The Plant 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.
- 5.4 The Plant Inspector shall review, evaluate and accept all NDT results conducted by examiner and visual inspection reports conducted by assistant Plant Inspectors.
- 5.5 The Plant Inspectors shall make appropriate recommendations for repairs, replacements, or fitness for continued service.

6.0 LEVEL OF CERTIFICATION

6.1 Assistant Plant Inspector

Assistant Plant Inspector must have a broad knowledge and skills relating to visual inspection and equipment to be inspected as described in API 572, API 574 or API 575.

6.2 Plant Inspector

a. Pressure Vessel Inspector

6.2.a.1 Pressure Vessel Inspector must have a broad knowledge relating to maintenance, inspection, repair, and alteration of pressure vessels as described in API 510.

6.2.a.2 Pressure Vessel Inspector must have the skills in the application of rules and recommended practices contain in the reference documents in Table 1 listed as Parts A and B.

b. Process Piping Inspector

6.2.b.1 Process Piping Inspector must have a broad knowledge relating to maintenance, inspection, alteration and repair of in-service metallic piping systems as described in API 570.

6.2.b.2 Process Piping Inspector must have the skills in the application of rules and recommended practices contain in the reference documents in Table 1 listed as Parts A and C.

c. Aboveground Storage Tank Inspector

6.2.c.1 Aboveground Storage Tank Inspector must have a broad knowledge relating to tank inspection, repair, alteration and reconstruction of aboveground storage tanks as described in API 653.

Table 1: Plant Inspectors Competency Requirements

No	Reference Documents	Subject	Competency		
			Pressure Vessel	Process Piping	Aboveground Storage Tank
Part A					
1	API 571	Damage Mechanisms Affecting Fixed Equipment in the Refining Industry	X	X	X
2	API 576	Inspection of Pressure-Relieving Devices	X	X	X
3	API 577	Welding Inspection and Metallurgy	X	X	X
4	ASME V	Nondestructive Examination, Articles 1, 2, 6, 7, 9, 10 and 23 (SE 797)	X	X	X
5	ASME IX	Qualification Standard for Welding Procedures, Welders and Welding Operators	X	X	X
Part B					
1	API 510	Pressure Vessel Inspection Code: Maintenance Inspection, Rating, Repair, and Alteration	X		
2	API 572	Inspection of Pressure Vessels	X		
3	API 578	Guidelines for a Material Verification Program for New and Existing Assets	X		
4	ASME VIII, Div. 1	Rules for Construction of Pressure Vessels	X		
Part C					
1	API 570	Piping Inspection Code: Inspection, Repair, Alteration, and Rerating of In-Service Piping Systems		X	
2	API 574	Inspection Practices for Piping System Components		X	
3	API 578	Guidelines for a Material Verification Program for New and Existing Assets		X	
4	ASME B16.5	Pipe Flanges and Flanged Fittings		X	
5	ASME B31.1	Process Piping		X	
Part D					
1	API 575	Inspection of Atmospheric and Low-Pressure Storage Tanks			X
2	API 650	Welded Tanks for Oil Storage			X
3	API 651	Cathodic Protection of Aboveground Petroleum Storage Tanks			X
4	API 652	Lining of Aboveground Petroleum Storage Tank Bottoms			X
5	API 653	Tank Inspection, Repair, Alteration, and Reconstruction			X

6.2.3.1 Aboveground Storage Tank Inspector must have the skills in the application of rules and recommended practices contain in the reference documents in Table 1 listed as Parts A and D.

6.3 Specialist Plant Inspector

6.3.3 Damage Mechanism

Specialist Plant Inspector in Damage Mechanism must have a broad knowledge and skills to describe and analyse each flaw and damage found by Plant Inspector as described in API 571.

6.3.4 Risk Based Inspection

Specialist Plant Inspector in Risk Based Inspection must have a broad knowledge and skills to develop, implement and maintain a Risk Based Inspection (RBI) program as described in API 580.

6.3.5 Fitness for Service

Specialist Plant Inspector in Fitness for Service must have a broad knowledge and skills to assess structural integrity of equipment containing identified flaws or damages for continuous operation and maintenance optimization as described in API 579-1.

7.0 PRE-REQUISITE

7.1 Assistant Plant Inspector

To qualify for Assistant Plant Inspector certification examination, the applicant's shall hold a valid certification in Visual Inspection, Welding Inspection or Painting Inspection from any nationally or internationally recognized certification scheme.

7.2 Plant Inspector

- a. To qualify for Plant Inspector certification examination, the applicant's education and experience, when combined, shall be equal to at least one of the following:
 - a. a Bachelor of Science degree in engineering or technology, plus one year of experience in supervision of inspection activities or performance of inspection activities,
 - b. a two-year degree or certificate in engineering or technology, plus two years of experience in the design, construction, repair, inspection, or operation of pressure vessels, of which one year must be in supervision of inspection activities or performance of inspection activities,
 - c. a high school diploma or equivalent, plus three years of experience in the design, construction, repair, inspection, or operation of pressure vessels, of which one year must be in supervision of inspection activities or performance of inspection activities, or
 - d. a minimum of five years of experience in the design, construction, repair, inspection, or operation of pressure vessels, of which one year must be in supervision of inspection activities or performance of inspection activities.
- b. 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.

- c. 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 examination to become a Plant Inspector.

7.3 Specialist Plant Inspector

To qualify for Specialist Plant Inspector certification examination, the applicant shall hold a valid IPCS Pressure Vessel Inspector, Process Piping Inspector or Aboveground Storage Tank Inspector.

8.0 TRAINING REQUIREMENTS

8.1 General

- a. 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.
- b. The training may include instructor-led training, personalized instruction, virtual instructor-led training, computer-based training, or web-based training.

8.2 Assistant Plant Inspector

The Assistant Plant Inspector applicant shall satisfactorily complete a sixteen (16) hours training program in one of the following subjects, whichever is applicable:

- a. API 572 Inspection of Pressure Vessel,
- b. API 574 Inspection Practices for Piping System Components, or
- c. API 575 Inspection of Atmospheric and Low-Pressure Storage Tanks.

8.3 Plant Inspector

- a. The Plant Inspector applicant shall satisfactorily complete a forty (40) hours training program in the subjects listed in Table 1, whichever is applicable.
- b. Recommended training course outlines and references for Plant Inspector, which may be used as technical source material and are contained in the latest API published "Body of Knowledge".

8.4 Specialist Plant Inspector

The Specialist Plant Inspector applicant shall satisfactorily complete a twenty-four (24) hours training program in one of the following subjects, whichever is applicable:

- a. API 571 Damage Mechanisms Affecting Fixed Equipment in the Refining Industry,
- b. API 579-1 Fitness-For-Service, or
- c. API 580 Risk-based Inspection.

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.

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 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

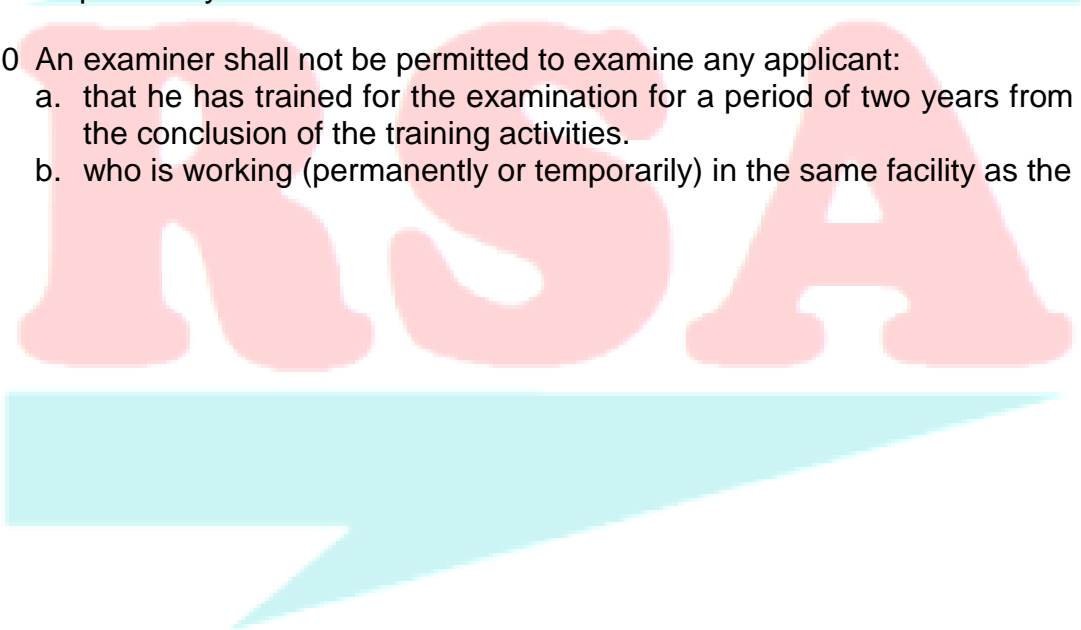
The examination shall demonstrate the capability of distinguishing and differentiating contrast among colors or shades of gray used in the method, as specified by the employer.

11.0 CONDUCT OF EXAMINATION

- 11.1 The applicant shall fulfil the minimum requirements of Pre-requisite 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, final grading shall be the responsibility of Certification Department.
- 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.



12.0 EXAMINATION

12.1 Assistant Plant Inspector

- a. The Assistant Plant Inspector applicant shall be given a forty (40) multiple-choice questions and closed-book examination covering the following subjects, whichever is applicable:
 - a. API 572 Inspection of Pressure Vessel,
 - b. API 574 Inspection Practices for Piping System Components, or
 - c. API 575 Inspection of Atmospheric and Low-Pressure Storage Tanks.
- b. The examination shall be completed within 90 minutes.

12.2 Plant Inspector

a. Requirements

12.2.a.1 The examinations shall consist of closed-book and opened-book.

12.2.a.2 Pressure Vessel Inspector applicant shall be given Part A and Part B examinations listed in Table 2.

12.2.a.3 Process Piping Inspector applicant shall be given Part A and Part C examinations listed in Table 2.

12.2.a.4 Aboveground Storage Tank Inspector applicant shall be given Part A and Part D examinations listed in Table 2.

b. Closed-book Examination

12.2.b.1 The closed-book examination shall test the applicant on knowledges and tasks requiring everyday working knowledges of the applicable reference documents listed in Table 1.

12.2.b.2 The applicant shall be given a total of ninety (90) multiple choice questions listed in Table 2.

12.2.b.3 The examination shall be completed within 150 minutes.

c. Opened-book Examination

12.2.c.1 The opened-book portion of the examination requires the use of more detailed information that the applicant is expected to be able to find in the applicable documents listed in Table 1, but would not normally be committed to memory.

12.2.c.2 The applicant shall a total of fifty (50) multiple choice questions listed in Table 2.

12.2.c.3 The examination shall be completed within 180 minutes.

Table 2: Number of Questions

No.	Reference Document	Pressure Vessel		Process Piping		Aboveground Storage Tank	
		Closed Book	Opened Book	Closed Book	Opened Book	Closed Book	Opened Book
Part A							
1	API 571	8	4	8	4	8	4
2	API 576	8	4	8	4	8	4
3	API 577	8	4	8	4	8	4
4	ASME V	8	4	8	4	8	4
5	ASME IX	8	4	8	4	8	4
Part B							
1	API 510	20	15				
2	API 572	15	8				
3	API 578	5	2				
4	ASME VIII, Division 1	10	5				
Part C							
1	API 570			20	15		
2	API 574			12	7		
3	API 578			5	2		
4	ASME B16.5			5	2		
5	ASME B31.1			8	4		
Part D							
1	API 575					12	7
2	API 650					8	4
3	API 651					5	2
4	API 652					5	2
5	API 653					20	15
Total Questions		90	50	90	50	90	50

12.3 Specialist Plant Inspector

- a. The Specialist Plant Inspector applicant shall be given an eighty (80) multiple-choice questions and closed-book examination covering the following subjects, whichever is applicable:
 - a. API 571 Damage Mechanisms Affecting Fixed Equipment in the Refining Industry,
 - b. API 579-1 Fitness-For-Service, or
 - c. API 580 Risk-based Inspection.
- b. The examination shall be completed within 180 minutes.

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.

- 13.2 To be eligible for certification, the applicant shall obtain a minimum grade of 70% in each part, as applicable. In addition, the composite grade of all part examinations for each Level shall be minimum 70%.
- 13.3 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 General

- a. Applicant failing for reasons of unethical behaviour shall wait at least twelve (12) months before reapplying.
- b. 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 (3) years after the original examination.
- c. 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.
- d. Applicant failing all permitted re-examination shall apply for and take the examination in accordance with the procedure established for new personnel.

14.2 Assistant Plant Inspector

Assistant Plant Inspector applicant taking 2nd or 3rd retests shall require documented evidence of additional training in accordance with Section 8.2.

14.3 Plant Inspector

Plant Inspector taking 2nd or 3rd retests shall require documented evidence of additional training in accordance with the following:

- a. Full 2-part reexamination, minimum forty (40) hours of further training received in all applicable subjects listed in Table 1.
- b. Part A retest, minimum sixteen (16) hours of further training received in the subjects listed under Part A in Table 1.
- c. Part B, Part C or Part D retest, minimum twenty-four (24) hours of further training received in the subjects listed under Part B, Part C or Part D in Table 1, whichever is applicable.

14.4 Specialist Plant Inspector

Specialist Plant Inspector applicant taking 2nd or 3rd retests shall require documented evidence of additional training in accordance with Section 8.4.

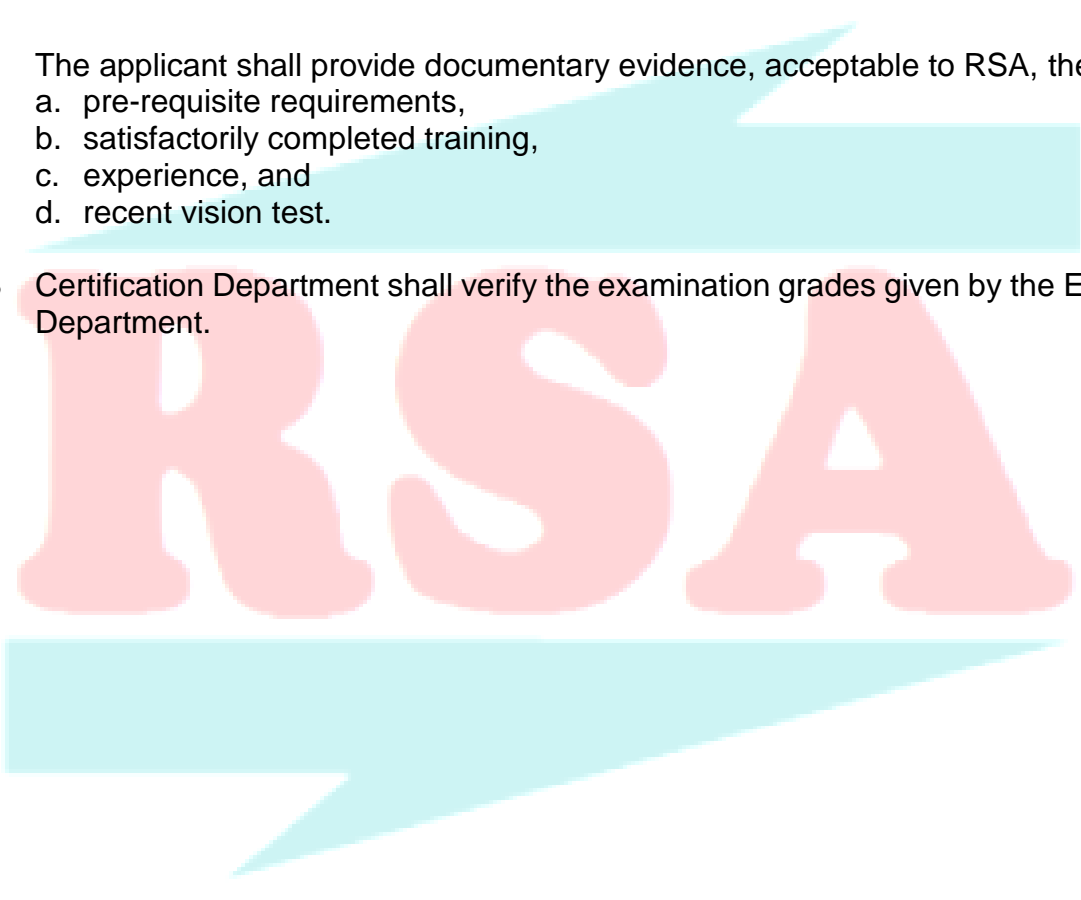
15.0 QUALIFICATION ASSESSMENT

15.1 The applicant shall fulfil the minimum requirements of pre-requisite, training, experience, examinations and vision prior to certification.

15.2 The applicant shall provide documentary evidence, acceptable to RSA, the following:

- a. pre-requisite requirements,
- b. satisfactorily completed training,
- c. experience, 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 Assistant Plant Inspector, Plant Inspector and Specialist Plant Inspector 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 API 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 (pre-requisite, 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 performing plant 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 Plant 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 Committee shall have the power to suspend, refuse renewal, revoke, place on probation, or reprimand the Plant 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 Committee 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 Certification may be renewed for a new period of three (3) years on production of:
- a. documentary evidence of a satisfactory visual acuity examination taken within the preceding 12 months.
 - b. actively engaged within the most recent three-year certification period.
 - c. taken a twenty (20) multiple choice questions quiz relating to the applicable reference documents and pass minimum 70%.
- 21.3 "Actively engaged" shall be defined by one of the following provisions:
- a. a minimum of 20% of time spent performing inspection activities or supervision inspection activities or engineering support of inspection activities over the most recent three-year certification period, or
 - b. performance of inspection activities or supervision of inspection activities or engineering support of inspection activities on 75 pressure vessels over the most recent three-year certification period.
- 21.4 For Assistant Plant Inspector and Specialist Plant Inspector, in addition to the requirements of Section 21.2 above, the inspectors shall hold a valid certification as described in Section 7.1 and Section 7.3, respectively.
- 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 recertified in accordance with Section 22.0 below.

22.0 RE-CERTIFICATION

- 22.1 Re-certification for a new period of three (3) years 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 shall provide documentation as listed in sections 21.2a and 21.4 prior to the recertification examination.
- 22.3 The inspectors are allowed to attempt two (2) re-tests and shall not exceed one (1) year after the expiry of the certificate.
- 22.4 Inspectors failing all permitted recertification examination re-tests shall apply for and take full examination in accordance with the procedure established for new applicant.
- 22.5 For Assistant Plant Inspector, the inspectors shall be given twenty (20) questions written examination from Section 12.1 and shall pass minimum 70% of the examination.
- 22.6 For Plant Inspector, the inspectors shall be given Par B, Part C or Part D opened-book examination in accordance with Section 12.2.3, whichever is applicable, and shall pass minimum 70% of the examination.
- 22.7 For Specialist Plant Inspector, the inspectors shall be given forty (40) questions written examination from Section 12.3 and shall pass minimum 70% of the examination.

23.0 CERTIFICATION LEVEL UPGRADE

- 23.1 IPCS Assistant Plant Inspector may upgrade to IPCS Plant Inspector by satisfying requirements pre-requisite as described in Section 7.2 and passing the relevant examinations as described in Section 12.1, whichever is applicable.
- 23.2 IPCS Plant Inspector in one (1) or two (2) categories may add categorie(s) of inspection by passing the relevant Part B, Part C or Part D examinations as described in Section 12.2, whichever is applicable.
- 23.3 IPCS Plant inspector may upgrade to IPCS Specialist Plant Inspector by passing the written examinations as described in Section 12.3.

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

