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1 BACKGROUND

This Policy and Procedures Document is applicable to IPC’s Professional Training and Certification Programs, including lecture-based discrimination-skills courses (such as IPC-A-600, IPC-A-610, IPC/WHMA-A-620, IPC-6012 and Designer Certification) and courses that include workmanship skills demonstration (such as J-STD-001 and IPC-7711/7721). This policy document is subject to change without notice and therefore all MIT, CIT and CID / CID+ trainers are required to visit the Training and Certification portal @ https://certification.ipc.org prior to each time a course is taught so as to review and confirm the most current policy document. Furthermore, all new certification program revisions will be designed and released with a separate module focused on policies and processes. When available, all trainers will need to use the latest module when delivering a class so as to ensure that the latest policies are being taught within a given certification program.

Questions regarding the program policies, procedures and application or requests for extension of Trainer certification should be directed to IPC Certification Program Office through the Certification Help Desk. The help desk is linked from the Online Certification Portal (http://certification.ipc.org).

2 GOALS

The goals of the IPC Professional Training and Certification Programs are to:

a. provide a standardized set of industry developed, recognized, approved and traceable training programs to enhance understanding and appropriate application of criteria in the standard(s) specific to each course of instruction.

b. provide an understanding of accept/reject criteria to enhance an individual’s motivation and ability to consistently and correctly apply the criteria in the applicable standards.

c. teach methods and processes to help improve an individual’s skills and ability to achieve acceptable workmanship.

d. teach methods and techniques how to use, navigate, locate and to apply the criteria contained in the applicable standard(s) to the appropriate class or classes of production.

3 IPC TRAINING AND CERTIFICATION PROGRAMS

IPC’s training and certification programs are developed by and through consensus of industry, including but not limited to members of IPC and many others such as representatives from academia, government agencies, original equipment manufacturers (OEM), electronic manufacturing service companies (EMS) and circuit board manufacturing companies, and are used worldwide.

Participation in any IPC training and certification program is voluntary. Membership in IPC is not required for use of any IPC Training and Certification Program; however IPC member companies enjoy discount on the cost of training materials. Training consistency and program integrity is maintained by establishing certification criteria and control on all levels of the program through industry consensus and the use of standardized training materials.

4 TRAINING AND CERTIFICATION TEAM MEMBERS

4.1 IPC Certification Program Office

The IPC Certification Program Office is an IPC function responsible for:

a. Approve and administer IPC training center licenses.

b. Approve and administer training program translation licenses.

c. Providing support to the training and certification programs by facilitating development meetings.

d. Periodically auditing IPC Licensed Training Centers and Master IPC Trainers to assure compliance to applicable policies and procedures.
e. Reproducing and distributing training material.
f. Tracking certified program participants.
g. Providing policy interpretation and problem resolution related to program administration.

4.2 IPC Training and Certification Advisory Committee

The IPC Training and Certification Advisory Committee is comprised of representatives from large and small industry user companies and training providers. As IPC training and certification programs evolve, the Advisory Committee’s composition may be changed to ensure that it remains representative of all parties active and interested in the purposes and operation of the programs.

This committee represents the interests of IPC Training and Certification program users by advising the IPC Certification Program Office on program implementation and improvements.

4.3 IPC Technical Training Committee

Each IPC Training and Certification Program has a unique Technical Training Committee chaired by a representative of the IPC user community and consisting of representatives from large and small industry user companies and training providers.

These committees:
a. are responsible for defining the technical content specific to that training program to ensure accuracy in instructional materials used in the program.
b. establish prerequisite training and skill requirements.
c. establish minimum testing/skills measurement requirements necessary for certification in that specific course; e.g. number of test questions and workmanship projects, passing grades
d. define mandatory and optional module breakdown for CIS training.
e. through course approval, establishes the “industry developed, approved, and traceable” integrity of the training program.

4.4 IPC Authorized (Licensed) Training Center

IPC licensed training centers are identified by the title “IPC Authorized Training Center.” Authorized Training Centers will operate such a site pursuant to the terms and conditions of a License Agreement between IPC and the Training Center. The Training Center Licenses have separate and specific Riders for each IPC training and certification program.

An IPC Authorized Training Center for an IPC training and certification program will have unlimited ability to hold training for Designer Certification, Certified IPC Trainers and Certified IPC Specialists for any licensed program, within the guidelines established by this Policy and Procedures Document, the Technical Training Committee and the terms of the Training Center License. They have total responsibility for administration and execution of classes they conduct.

The Training Centers and/or Certified IPC Trainers determine their own schedules and tuition fees for conducting IPC Training and Certification sessions, so long as they uphold the standards and quality of the program.

4.5 Master IPC Trainer (MIT)

Only full-time, part-time or contracted employees of IPC Licensed Training Centers can be Master IPC Trainers. MITs receive their certification from the IPC Certification Program Office. MITs are required to meet specific qualifications as defined in the Training Center License Agreement. The MIT credential is directly tied to a
single employing training center unless otherwise approved by IPC. If approved by IPC the MIT records would need to be formally associated with the multiple training centers.

Separate MIT credentials are required for each IPC training and certification program. Every MIT for a standards-based program shall maintain certification as a CIT for that program. Additional MIT qualification requirements may be established by the technical training committees. The MIT period of certification will coincide with the CIT certification for standards-based programs. The certification period for Design MITs and Design or Design+ CITs is undefined. An MIT is authorized and empowered by IPC to conduct training and grant IPC certification to Certified IPC Trainers (CIT) on behalf of IPC. An MIT for an IPC training and certification program may also conduct Certified IPC Application Specialists (CIS) training and certification to standards-based programs. Design MITs may conduct either Design CIT or Design+ CIT training or certification.

MITs provide the first level of technical and administrative support to CITs and CISs they have trained. This includes assistance with understanding of program policies and procedures and criteria of the standard(s) or courses.

4.6 Certified IPC Trainer (CIT)

Separate CIT credentials are required for each IPC training and certification program. A CIT for an IPC standards-based training and certification program may conduct Certified IPC Application Specialist (CIS) training and certification only to that program. A Design CIT or Design+ CIT may conduct CID or CID+ training only as specifically authorized. CITs are qualified and authorized to perform all CIS/CID/CID+ tasks for that program.

CITs may:
   a) be employees of companies that train only within their parent company.
   b) be faculty members of education and training institutions, such as technical schools or community colleges that train a variety of current and future workers.
   c) be members of a licensed training site when that individual has not yet met the criteria for being an MIT.
   d) be independent consultants who work with a variety of companies.
   e) conduct CIS or CID training for any organization that desires such training within the constraints of their employer’s policy and in accordance with the policies and procedures defined herein.

CITs are authorized to deliver, administer and grant CIS or CID / CID+ certification credentials to individuals that successfully complete the required program training and/or pass the minimum skills measurement criteria set by each program’s Technical Training Committee. This will include, as a minimum, passing all required examination(s) and, as defined in the program, may require acceptable completion of specific workmanship demonstrations. All examination(s) are required to be delivered and administered through CQI “Certification Quality Initiative” electronic exam options – see section 7 for additional information including requirements for delivering online print testing.

CITs whose certifications have expired are not authorized by IPC to conduct CIS or CID / CID+ training, grant CIS or CID / CID+ certification or purchase CIS or CID / CID+ training materials until they have recertified.

Any CITs may be periodically observed during class instruction by IPC staff or MITs to ensure that quality of instruction is maintained.

CITs, CID s and CID+ are granted and encouraged to use the CIT or CID / CID+ designation on letterhead, business cards, and all forms of address. Appropriate use is all UPPER CASE LETTERS with no periods or spaces.
4.7 Certified IPC Application Specialist (CIS) and Certified Interconnect Designers (CID and CID+)

Separate CIS or CID / CID+ credentials are required for each IPC training and certification program. The training programs will train, test and certify in the correct application of the criteria for all acceptance classes. CIS or CID / CID+ certification may be granted by either a CIT or MIT for that program.

Certified IPC Application Specialist training and certification is appropriate for any individual that will benefit by having a consistent understanding of the criteria in a standard.

CID and CID+ training and certification is appropriate to provide and enhance knowledge on how to transform an electrical circuit description into a PCB design that can be manufactured, assembled, tested.

Standards-based CIS training is modular. The Technical Training Committee for each program will define the course module(s) that are mandatory or optional for that program. Upon successful completion of the mandatory modules, optional modules maybe selected as appropriate to support various technology segments. Participants will need to determine which optional modules to pursue in order to meet specific skills objectives.

The CIS certificates include endorsement blocks for each module of instruction. The CIT will initial and date each module that is successfully completed. The certification expiration date established by the mandatory module(s) will be applicable to all optional modules, regardless of when the optional module training and certification was granted.

The CID credentials are two levels, Certified Interconnect Designer (CID) and Advanced Certified Interconnect Designer (CID+).

Individuals with CIS or CID/CID+ credentials are granted and encouraged to use the CIS or CID/CID+ designation on letterhead, business cards, and all forms of address. Appropriate use is all UPPER CASE LETTERS with no periods or spaces.

5 TRAINING AND CERTIFICATION PROGRAM STRUCTURE

5.1 Training Levels

There are two tiers to the IPC training and certification programs which include:

a. An MIT provides training and certification to CIT, Design CIT or Design+ CIT and to CIS (see 4.5).
b. A CIT provides training and certification to CIS, CID or CID+.

5.2 Certification Ownership

The certification (IPC Certificate) is granted to each individual who successfully completes the training, not to the employer. CIT, CIS or CID/CID+ Certification is a personal and portable credential. While it is appropriate for the employing company to have a copy of an individual’s certificate for training and audit records, the original should be retained by the certified individual. MITs and CITs are encouraged to provide each trained individual a copy of the certificate along with the original either in hard copy or electronic format.

A CIT, CIS or CID/CIT+ retains their certification even when changing employment (portable).

5.3 Certification Term

Standards-based CIT or CIS certification are valid for two (2) years. This term may be shorter when required by company policy. An extension can be granted to extend the period of certification as defined within these
policies and procedures. Certification is valid through the last day of the month, regardless of the day of the month the certification was granted. There is no specified term for CID/CID+.

5.4 Certification Extension

A single extension of 90 days beyond the two year certification term may be granted unless precluded by company policy. This certification extension offers a grace period during which a CIT or CIS may perform the functions authorized by their certification. Such extensions shall be documented.

(1) CIT certification extensions are granted only by IPC; the extension request is online through https://certification.ipc.org

(2) CIS certification extensions are granted by any currently certified MIT or CIT for that program, using the extension form provided as an appendix to this document.

Note that no extension will be granted past the 90 days listed above.

5.5 Recertification

Recertification for CID/CID+ is not required.

Certification for standards-based programs must be periodically renewed (two-year cycle). The purpose of recertification training is to ensure continuing user competence by reinforcing material taught in the original course and to update users with corrections, amendments and additions to the Standard and the specific training and certification program. CIT renewal is provided by an MIT. CIS renewal may be provided by any current MIT or CIT for that program.

Certification renewal for standards-based programs can be accomplished using any of the following processes:

- Successfully complete recertification training for that program where a unique recertification program is available
- Successfully complete the certification program.
- Successfully complete the challenge testing for that program, see 7.4.

Recertification that is accomplished in a ninety (90) day window before or after the existing certification expiration date will be granted a new certification expiration date that is exactly two years following the existing expiration date. That is, early recertification of up to 90 days will not incur a penalty on the two-year cycle nor will recertification within the 90-day (maximum) extension of certification add on to the two-year cycle.

When recertification is accomplished more than 90 days before the existing expiration, new two-year expirations will be established from the actual month of recertification.

When the term of certification has expired, the CIT or CIS is not authorized to perform the functions of a certified CIT or CIS. The MIT or CIT will make a determination if attending the recertification course is appropriate. Such determination will be based on evaluation of the individual’s use and interaction with the standard. An individual whose certification has been expired more than six months will not be eligible to take the recertification course. In such cases, to re-establish certification the CIT or CIS must attend the full certification course.

6 OBLIGATIONS OF PARTICIPANTS

Any party choosing to participate in any IPC Professional Training and Certification Program is obligated to follow the Policies and Procedures stated herein. IPC will not permit anyone to state that they are providing IPC training or IPC certification unless they follow these policies. Failure to comply with this policy may result in cancellation of a training center license or an individual’s certification.
6.1 Maximum Class Size

To ensure the personal attention required by the training, standards-based training sessions programs that have only lecture presentations are limited to fifteen (15) students per trainer. Standards-based programs that have workmanship skills training shall be limited to twelve (12) students per trainer. Design certification courses are limited to thirty (30) students per instructor.

6.2 Required Course Materials

The industry-approved course materials available through IPC must be used to conduct training that will lead to IPC certification. These copyrighted materials are the intellectual property of IPC and may only be used to conduct training that leads to issuance of an Official IPC Serialized Certificate. It is not acceptable to delete or modify any curriculum content except as authorized in writing by the IPC Certification Program Office.

In addition to the published Standards and reference documents, only original publications of the instructor guides, training visuals and supplemental training materials as developed and revised by the specific IPC Technical Training Committee and obtained from IPC may be used in the IPC Training and Certification Programs. Materials authorized for reproduction by the user will be so identified and provided by IPC in electronic format on the instructor’s CD or through download from the trainer support pages on the IPC website at www.ipc.org/certification.

Only IPC Licensed Training Centers can purchase the course materials to train CITs. CIS/CID/CID+ course material for any program may only be purchased for use by a currently certified trainer in that program (or their employing company). Workmanship skills demonstration materials (PCB and component kits) that meet the practice and skills measurement requirements are not available from IPC but may be procured from other sources. Drawings to fabricate training PCBs are provided on the instructor’s CDs as appropriate.

6.3 Course Material Ownership

A limited number of kits of course material (instructor guides and training visuals) for training CITs are made available for use by MITs at IPC Licensed Training Centers. Except as specifically authorized, this material shall not be copied or otherwise reproduced/duplicated in any manner and remains the property of IPC. This material must be surrendered to IPC if a training center license is cancelled by either party or if the MIT certification is no longer valid for any reason; e.g. expired or if the individual that was the Master IPC Trainer leaves that Training Center. Contact the IPC Certification Program Office through the Certification Help Desk for exceptions.

Materials (documents) used in IPC Training and Certification Programs bear copyright notices affixed by the originating party and those notices must be honored by the receiving party or parties and must appear on all copies that may be further distributed.

6.4 CIT Kits to Train CIS (Standards-Based Programs)

Upon certification or recertification as appropriate, the IPC Training Center is required to provide every successful CIT candidate in the training program with a CIT Instructor Kit to train CIS, consisting of an instructor guide, training visuals and electronic files of reproducible forms and reports on CD-ROM, and any other material specified by the applicable Technical Training Committee for that program. Requests for exceptions to the requirement to provide this training material, i.e. multiple attendees from the same location or subsequent recertification to the same program, must be approved in writing by the IPC on a case basis.
Any CIT candidate that fails the electronic and/or workmanship exams will not receive a certificate of completion or the instructional materials used by Certified IPC Trainers. See 7.1 regarding retesting.

Each Application Specialist training attendee will be provided with documents and other reference material required for use during the training class. This includes the requirement for each attendee to have access to either an electronic or printed Standard for use during the training. It is acceptable to re-use clean, unmarked Standards from class to class but each trainee is required to have their own student training materials (for review quizzes, project sheets and retention of notes taken during class). Unless otherwise noted on the material, written permission is required from IPC for local reproduction.

Any CIS candidate that fails the electronic and/or workmanship exams will not receive a certificate of completion. See 7.2 regarding retesting.

Material developed by and industry approved for use in IPC Training and Certification Programs may not be copied, scanned, decompiled to prepare other training programs, resold or otherwise distributed.

7 TESTING

Skills measurement through electronic exams and demonstration of workmanship capabilities and understanding are part of the learning process. All workmanship skills demonstration projects and electronic examinations for both classroom and challenge testing shall be proctored in person by a currently certified MIT or CIT for that program. Trainers are required to monitor workmanship practices during practice and graded projects to correct bad habits and reinforce good habits.

Online electronic exams are to be used as the default mechanism for written exams. In certain cases it may be possible to utilize the online print test option. The online print test option is only applicable in cases where electronic online testing is not available due to lack of infrastructure or access there to, in other words, in cases where the online exam cannot be successfully delivered due to issues outside of the trainer or training centers control. In the case where a trainer or training center seeks to leverage the online print test option, the trainer or training center is required to file an online print test waiver which will need to be approved by the IPC certification program office prior to delivery of the exam. IPC reserves the right to collaborate with the client and training center to attempt to address and or resolve any instances where electronic testing is being restricted. The trainer or training center need only complete one waiver per location where the training is being held. Waivers may be reviewed at any time by IPC to evaluate if delivery circumstances have improved and are more favorable to online electronic testing. In these cases IPC may revoke the waiver in favor of electronic testing. The online print test waiver can be found on the following url: https://certification.ipc.org/Online_Print_Waiver.pdf

Upon successful completion of all the certification program requirements a candidate will be issued an electronic certificate which can be printed.

Program administrators including but not limited to MITs or CITs must exercise due care in safeguarding access or loss of any electronic exam including online print tests and their respective answer keys or similar material so integrity of the certification programs is not compromised. Any lost or compromised material must be reported to the IPC Certification Program Office through the Certification Help Desk as soon as possible after discovery.

Each exam taken shall be completed in a single contiguous and continuous time block; exception is permitted for reasonable short breaks that are determined not to compromise the integrity of the examination. The individual programs have established time periods for completing exams and workmanship skills demonstrations. Every effort should be made to adhere to the testing schedules. If extenuating circumstances warrant, reasonable additional time may be authorized at the discretion of the proctoring trainer; questions or concerns should be directed to the IPC Certification Program Office through the Certification Help Desk.
7.1 CIT Retesting (Standards-Based Programs)

An individual who completes the CIT course but fails to pass the Certification Examination(s) at the completion of the course, on request of such an individual, shall be provided the opportunity to retest the failed portion(s) of the certification examination, if completed within ninety (90) days following the original testing. A retest will be administered no sooner than thirty (30) days after the date of the initial test except as otherwise authorized by the IPC Certification Program Office. No Training Center is required to permit any individual to take more than a single retest in the ninety (90) day retest period. At the discretion of the Master Trainer, retesting may be limited to only the specific written examination or workmanship projects that were previously failed. Example: if the open book test was satisfactory but the closed book test was failed, only the closed book test needs to be retested. If there is a requirement to attach two wires to a turret terminal and only one was completed satisfactorily, on retest two wires need to be attached satisfactorily.

Training Centers may charge fees for the cost of administering a retest and for providing Application Specialist training materials to Trainer candidates that ultimately complete all required examinations. The fee for administering a retest, to be set by each Training Center, shall not be set at a level that will, or is intended to, discourage applicants from taking a retest.

7.2 CIS Retesting (Standards-Based Programs)

Any individual who completes the CIS course but fails to pass the certification measurement criteria at the completion of the course, shall, on request of such an individual, be provided the opportunity to attempt a retest of the certification measurement examination(s) not more than one retest per calendar day following the original testing. At the discretion of the CIT, retesting may be limited to only the specific written examination or workmanship projects that were previously failed. An example would be if there is a requirement to attach two wires to a turret terminal and only one was completed satisfactorily, on retest two wires need to be attached to a turret terminal satisfactorily.

Training Centers or CITs (within employer guidelines) may charge a fee for the cost of administering a retest. This fee, to be set by each Training Center or CIT, shall not be set at a level which will, or is intended to, discourage individuals from taking a retest. Permitting a student to take more than one retest in a 90-day period is at the option of the trainer.

7.3 CID/CID+ Retesting

Any individual who completes the CID course but fails to pass the certification measurement criteria at the completion of the course, shall, on request of such an individual, be provided the opportunity to attempt a retest of the certification measurement examination(s).

Training Centers or CITs (within employer guidelines) may charge a fee for the cost of administering a retest. This fee, to be set by each Training Center or CIT, shall not be set at a level which will, or is intended to, discourage individuals from taking a retest.

7.4 CIT Challenge Testing

Challenge testing is not acceptable for the first CIT certificate sought by an individual in any individual IPC certification program. Challenge testing is acceptable for recertification in a program provided previous certification has not been expired more than six months.
The time to complete any portion of the skills measurement exams during CIT challenge testing shall not be greater than the typical time allocated for that same skills measurement action if it were completed in classroom training for that program.

Technical instruction is not required to be provided to individuals choosing to take the challenge option in lieu of classroom training; e.g., don’t provide exam-based review in advance to testing. The instructor should provide information concerning test administration, explanation of terms, facility resources (shelter and evacuation procedures, etc.).

There are regional policies that govern the use of CIT Challenge testing in China.

### 7.4.1 Recertification (Discrimination or Workmanship Skills Courses)

A current CIT or previously certified CIT whose certification has not been expired more than six months may challenge CIT recertification in that program. Individuals who are recertifying in a program that has been updated due to document revision or has been significantly changed are encouraged, but not required, to take the recertification course.

### 7.4.2 CIT Challenge Test Requirements

A CIT challenge test will involve the applicant satisfactorily completing the same examinations and skills demonstration(s) required of those taking the classroom course. It is not acceptable for a CIT to challenge certification or recertification by completing less workmanship projects than the classroom course they are challenging. Individuals challenging recert shall successfully complete at least the minimum number of projects of the classroom recertification class.

Training Centers may charge fees for the cost of administering a challenge test and for providing Application Specialist training materials to Trainer candidates who successfully complete all required examinations. The fee for administering a retest, to be set by each Training Center, shall not be set at a level that will, or is intended to, discourage applicants from taking a challenge test.

Any challenger who successfully passes the electronic exam and workmanship skills demonstration examinations will be certified as a Certified IPC Trainer. An individual who fails the Certification Examination and/or a retest will not receive a certificate or the instructional materials used by Certified IPC Trainers.

### 7.5 CIS Challenge Testing

Challenge testing, if required by law, when proctored by an IPC Trainer, and unless precluded by regional or company policy, is acceptable for CIS discrimination or workmanship skills initial certification and subsequent recertification without taking the training course. Contact the IPC Certification Program if additional information is required. Prequalification is limited to discussion with the individual or supervisor to assure a reasonable level of knowledge and experience related to the training topic.

A CIS challenge test for initial certification or recertification will involve the applicant satisfactorily completing the same examinations and skills demonstration(s) required of those taking the classroom course for any given CIS classroom course module.

Training Centers or CITs (within employer guidelines) may charge a fee for the cost of administering a retest. This fee, to be set by each Training Center or CIT, shall not be set at a level which will, or is intended to, discourage individuals from taking a retest. No Training Center or Certified IPC Trainer is required to permit any individual to take more than a single retest of a failed challenge test in the ninety (90) day retest period.
The time to complete any portion of the skills measurement exams during CIS challenge testing shall not be greater than the typical time allocated for that same skills measurement action if it were completed in classroom training for that program.

Technical instruction is not required to be provided to individuals choosing to take the challenge option in lieu of classroom training; e.g., don’t provide exam-based review in advance to testing. The instructor should provide information concerning test administration, explanation of terms, facility resources (shelter and evacuation procedures, etc.).

7.6 Challenge Test Preparation

Individuals wishing to prepare for a challenge test may purchase the appropriate Standard and reference material from IPC, from an IPC Authorized Training Center or from a Certified IPC Trainer in that program.

8 DISTANCE LEARNING

Training processes other than specifically defined herein shall not be used to conduct IPC Training and Certification. See 7 TESTING for electronic testing requirements.

8.1 CIT Lecture-Based (Discrimination Skills) Distance Learning

Interactive Distance Learning for Trainers by attending lectures (video conferencing or training conducted over the internet with a live trainer) is not acceptable for initial certification but is acceptable for recertification. The recertification course may not be used to attain initial certification. Remote administration of testing is not acceptable; all workmanship skills demonstration projects or written examinations shall be proctored in person by a currently certified MIT or CIT for that program.

No other type of CIT distance learning training is authorized for Certified IPC Trainers.

8.2 CIT Workmanship Skills Distance Learning

Distance learning of any type is not acceptable for either initial certification or recertification of CITs in any program requiring hands-on demonstration of skills and workmanship.

8.3 CIS Lecture-Based (Discrimination Skills) Distance Learning

Interactive Distance Learning for CIS by attending lectures (video conferencing or training conducted over the internet with a live trainer) is acceptable for initial certification and subsequent recertification. Remote administration of testing is not acceptable; all workmanship skills demonstration projects or written examinations shall be proctored in person by a currently certified MIT or CIT for that program.

No other type of CIS distance learning training is authorized.

8.4 CIS Workmanship Skills Distance Learning

Distance learning of any type is not acceptable for either initial certification or recertification of CIS in any program requiring hands-on demonstration of skills and workmanship.

9 FORMS AND DOCUMENTATION REQUIREMENTS
9.1 Training Reports

A report of completed training shall be submitted to IPC on completion of each training session or challenge certification/recertification class. This must be completed using the on-line reporting functionality within one week after the completion of the class. Failure to submit on-line reports will be considered a breach of policy and may result in the suspension or revocation of a Trainer’s credentials.

When required by a Technical Training Committee and advised by IPC, a scan of the online print student answer sheet to gather exam statistical data shall be completed and forwarded to IPC.

9.2 Student Feedback

All students should be encouraged to complete a standardized evaluation form at the end of the course. These comments are of most value to the trainer to identify opportunity for instruction improvement. Comments significant to the curriculum should be transcribed to the appropriate fields on the training report submitted to IPC. They will help IPC and the technical training committees manage the course content to assure it is meeting user needs. The student evaluation may be a printed form provided by the trainer or an on-line form.

9.3 Authorization to Reproduce Forms

Forms, such as student critique forms, that are provided in electronic format are authorized for local printing/reproduction by the users (that is, they do not have to be purchased each time from IPC).

9.4 Retention of Exams

Online print test answer sheets and workmanship grading sheets (and optionally student evaluation forms) shall be retained by the Certified IPC Trainer or training site for at least two (2) years following the completion date of the training. It may be necessary to produce this data to support an appeal or to validate a certification for ISO or other type of company or customer audit. Exams delivered via IPC electronic testing will be electronically captured. Retention of all materials beyond 2 years shall be according to company policy.

9.5 Student Workmanship Examples

If required by a company’s quality management program, workmanship samples shall be retained and available for review for the duration of the individual’s certification period.

10 REGIONAL RESTRICTIONS

There are separate and unique requirements for any IPC Licensed Training Center or CIT that desires to conduct training in The People’s Republic of China or in India. Contact the IPC Certification Program Office for specific requirements before scheduling or conducting training in either of these countries.

11 APPEAL

Any user of the IPC Training and Certification Programs defined herein shall have the right to appeal any administrative decision or action to the IPC Senior Director of Certification. Such appeal must be submitted in writing within 15 days of the aggrieved action. The appeal must be submitted to the IPC Certification Program Office for review. This IPC
Certification program Office reserves the right to refer the matter to the Certification Advisory Committee and key IPC staff members who may assist in providing recommendations or resolutions. The IPC Certification Program Director will issue a final decision within ten days.