



Independent Distributors of Electronics Association
IDEA-ICE-3000 Exam Application
IDEA General Member

About the IDEA-ICE-3000 Professional Inspector Certification Exam

The IDEA-ICE-3000 Professional Inspector Certification Exam is designed to demonstrate inspection competency for the benefit of all stakeholders. Successful examination provides the employee and the employer with a heightened degree of confidence in the basic working knowledge and research skills of the inspector.

When an employer has ensured that their personnel who conduct visual inspection of product from the excess market have been tested and certified, the company's stakeholders are provided objective evidence and cause for increased confidence in the achievement of customer satisfaction and increased marketability of their products and services.

Prime candidates for this exam are:

- Quality Inspectors
- Quality Engineers
- Quality Managers
- Quality Supervisors

Candidates must be an employee of an OEM, CM, EMS Provider, Government, or IDEA General Member to meet eligibility requirements for the Exam. Successful completion of an IDEA Training Course does not guarantee eligibility for the Exam. All prospective Exam candidates must contact IDEA prior to submitting an application to confirm they have fulfilled all eligibility requirements.

Those familiar with the Open Market know that performing visual inspections of electronic components requires specialized knowledge and skills of inspection personnel to visually evaluate product and its packaging for substandard and suspect counterfeit characteristics.

The IDEA-ICE-3000 Exam is based on *IDEA-STD-1010: Acceptability of Electronic Components Distributed in the Open Market*, industry standards, and best practices relevant to the Open Market. The Exam is an open book Exam intended to challenge the candidate in practical inspection knowledge as well as access and usage of relevant reference materials in the workplace.

The questions for the Exam are a limited number of questions taken from an evergreen master list of exam questions developed by IDEA. Therefore, the Exams are slightly different versions from candidate to candidate and the order of questions within a test module is shuffled.

Upon successful completion of all test modules with a cumulative score of 95% or higher, the submission of nonconformance photo examples, and corrective action on any questions answered incorrectly, candidates will receive a certificate as objective evidence that they have passed the IDEA-ICE-3000 Professional Inspector Certification Exam and their names will be maintained on record at IDEA as having met this achievement.

The process to certification is as follows:

- Candidate submits the completed application form with payment to IDEA.
- IDEA provides a unique URL for the Exam to the candidate's email address as provided on the application.
- Upon successfully passing the Exam, IDEA mails the candidate's *IDEA-ICE-3000 Professional Inspector Certificate* to the address provided on the application.



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An IDEA-ICE-3000 Professional Inspector Certification benefits:

- Company Owners
- Executive Management
- Quality Assurance Personnel
- Your Company's Marketing Efforts

Prerequisites for IDEA Member Candidates

Note: The IDEA-ICE-3000 Professional Inspector Certification Exam is available to employees of IDEA General Members, OEMs, CMs, EMS Providers, and government entities only. Successful attendance of an IDEA Training Course does not guarantee eligibility for the Exam. All prospective Exam candidates must contact IDEA prior to submitting an Exam application to confirm they have fulfilled all eligibility requirements.

Candidates from IDEA General Members must meet these specific prerequisites prior to taking the IDEA-ICE-3000 Professional Inspector Certification Exam:

1. The candidate must be a current employee of an IDEA General Member.
2. The candidate must have either supervised or have been a component inspector of electronics components from the Open Market within the last two (2) years and for a total of no less than six (6) months of on the job experience.
3. An immediate supervisor or human relations manager must sign the Exam application attesting that the candidate's experience meets the experience qualifications to take the Exam. (Refer to the application form.)
4. The candidate must make a declaration of intent to perform fair and objective inspections while executing their inspection tasks to contribute to legal and fair commerce. (Refer to the application form.)
5. Contact IDEA at info@idofea.org or 714-670-0200 to confirm all eligibility requirements have been met.
6. Upon notification from IDEA that eligibility requirements have been met, complete, sign, and submit the IDEA-ICE-3000 Professional Inspector Certification Exam application form for IDEA approval. .
7. Remit the application fee to IDEA.
8. Notice: These requirements are subject to change without notice.

Requirements to Certification

1. Have on record with IDEA an IDEA-ICE-3000 Professional Inspector Certification Exam application form which has been approved by IDEA (for fulfilling eligibility and experience requirements).
2. Must have received a cumulative score of 95% or higher in the Test Modules section of the Exam.



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3. Photos and citations of nonconformance examples have been received and approved.
4. Corrective action responses for questions answered incorrectly (5% or less) have been received and are acceptable.

Terms & Conditions

1. Purchase must be made in advance of taking the Exam and payment must be submitted with the application.
2. The URL for payment by credit card can be accessed by clicking [here](#) or you may copy and paste this address: <http://www.idofea.org/products/51--idea-ice-3000>. IDEA can also invoice as instructed by the purchaser. **Note: The Exam URL will not be released to the candidate until the payment for the Exam has been received by IDEA.**
3. Purchases are non-refundable. If the Exam has *not* been started by the original candidate, it may be transferred to another candidate provided that the second candidate submits an application and meets all of the qualification requirements and the transfer occurs within six (6) months of payment.
4. The cost of the online Exam is \$200 US for IDEA Member Companies. Prices are subject to change. Volume discounts are available as follows:
 - a. 10% discount for 10 Exams
 - b. 15% discount for 25 to 50 Exams
 - c. 20% discount for 50 or more Exams
5. Upon receipt of payment, the candidate will receive an email that provides instructions on how to prepare for and initiate the Exam.
6. The Exam must be initiated within six (6) months of purchase. Once started, the Exam must be completed within thirty (30) calendar days from the date the candidate *begins* the Exam.
7. If a candidate does not pass the Exam on the first attempt, IDEA's retake policy does not limit the number of times a candidate may retake an examination. The candidate will, however, be charged a retake fee of \$25 after the third retake attempt. The candidate must retake the examination within six (6) months of the last attempt. If a candidate does not retake the Exam within this period, he/she will have to submit a new application with full certification fees.
8. The IDEA-ICE-3000 Exam is made up of several individual test modules. Each test is limited to no more than fifteen (15) questions.
9. Exam scoring is based on the percentage of the total number of questions presented to the candidate that are answered correctly (raw percentage scoring).
10. VERY IMPORTANT - Once a *test module* is started, the candidate must either cancel out (all answers will be lost) or complete and submit the test module for scoring. It is therefore *highly recommended* that as candidates answer questions that they personally record their answers in a notebook or in a Word or Excel document in the event that their testing session is interrupted or their computer malfunctions, as under such conditions their answers will not be saved by the online exam software:
 - a. The candidate may decide after reviewing the questions for a particular test module of the Exam that he or she does not want to submit the test module for scoring at this time but would rather review or look up reference materials relative to the questions. In this



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case, the candidate must cancel out of the test module by clicking on the “X” at the top right of the test module window. When you cancel out of a test module, you can return and start that module all over again. *However, any questions that are answered will be lost once the candidate cancels out of a test.*

- b. If the candidate submits a test module for grading and leaves any question unanswered, the unanswered question(s) will be marked as incorrect and will count against the candidate’s cumulative score on the Exam.
11. At a minimum, candidates will need to review the following reference materials prior to taking the Exam and may refer to them while taking the Exam:
- a. **IDEA-STD-1010** – Available for purchase at www.idofea.org.
 - b. **IPC-DVD-77** – Available for purchase at <http://training.ipc.org/>. This DVD is an excellent ESD training tool for ESDS program compliance.
 - c. **ANSI/ESD S20.20** – Available for free download (PDF) at www.esda.org. Free registration required.
 - d. **IPC-DRM-18** – Available for purchase at <http://training.ipc.org/>. This is a hard copy desk reference.
 - e. **IPC/EIA J-STD-002** or **JESD22-B102**– Available for free download (PDF) at www.jedec.org.
 - f. **IPC-JEDEC J-STD-020** – Available for free download (PDF) at www.jedec.org.
 - g. **IPC-JEDEC J-STD-033** – Available for free download (PDF) at www.jedec.org.
 - h. **JEP113** – Available for free download (PDF) at www.jedec.org.
 - i. **J-STD-609** – Available for free download (PDF) at www.ipc.org.
12. The IDEA-ICE-3000 certificate is valid for one (1) year from the date of issue.
13. Recertification by renewal examination is available for up to six (6) months after expiration at renewal pricing. Renewal/recertification pricing is \$100 US for IDEA Members.
14. Certificates are subject to revocation or non-renewal if a Certified Inspector is determined to have unresolved quality issues with their employer or multiple transactions that come to the attention of IDEA in writing.
15. Certificates are non-transferable and will be revoked upon the termination or revocation of the sponsor company’s IDEA Membership or if the Certified Inspector ceases employment with the Member Company for any reason.
16. The candidate’s employer agrees to retain copyright ownership of all nonconformance photo examples submitted to IDEA, while at the same time granting IDEA a non-exclusive, irrevocable, worldwide, perpetual, royalty-free license for the candidate’s submission under the employer’s copyrights to reproduce, distribute, publish, display, perform, and create derivative works based on the original nonconformance photo examples for the purpose of developing a Draft Work Product or Work Product under IDEA’s own copyright.
17. IDEA uses a third-party testing software provider to service and host the IDEA-ICE-3000 Exam. In the event that the software or the hosting services should experience interrupted service while the candidate is taking the Exam, the thirty (30) day clock will be adjusted in the favor of the candidate. Accordingly, no warranty or guarantee is made by IDEA that interruptions will not occur; and IDEA, its employees, its members, or its contributors shall have no liability of any kind for any consequences of using, or any results of failure of the third-party software or hosting services.



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The contents of this Exam contain questions from many types of information, including IDEA-STD-1010, best practices, recommendations, observations regarding current industry practices, industry standards, and generalizations. As such, it is not intended to be a strict performance Exam, but rather a useful tool and guide to assist the industry in evaluating and training skilled inspectors and to achieve and maintain general, and in some cases, specific standards. Accordingly, no warranty or guarantee is made by IDEA as to (i) the completeness of this Exam for any particular purpose, or (ii) that any particular results will be achieved through the use of Exam; and IDEA shall have no liability of any kind for any consequences of using, or any results or failure to achieve results, as a result of utilizing or relying upon the usage of this Exam.

Without limiting the above, THIS EXAM IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, ACCURACY, COMPLETENESS AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL IDEA, ITS EMPLOYEES, ITS MEMBERS, OR ITS CONTRIBUTORS BE LIABLE FOR ANY CLAIM, OR ANY DIRECT, SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM ANY USE OF THIS EXAM.

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See next page for application form



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Company/Employer Name _____

Candidate Name and Address (please print)

First Name Middle Initial Last Name

Email Address

Employer Company Name

Employer Address Suite Number

Address (additional address space if needed)

City, State/Postal Code/ Zip

Business Area Code and Telephone Number Fax Number

Independent Distributor Employer Validation of Inspection Experience

First and Last Name of Immediate Supervisor or Human Resources Manager

Title

Business Area Code and Telephone Number Fax Number

I attest that the candidate named above is an employee of the above named company and to the best of our records and knowledge has performed as their primary job function that of an inspector or supervisor of inspectors of electronic components from or within the open market.

I also agree as the candidate's employer to retain copyright ownership of all nonconformance photo examples submitted to IDEA, while at the same time granting a non-exclusive, irrevocable, worldwide, perpetual, royalty-free license for the candidate's submission under the employer's copyrights to reproduce, distribute, publish, display, perform, and create derivative works based on the original nonconformance photo examples for the purpose of developing a Draft Work Product or Work Product under IDEA's own copyright.

Signature Date



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IDEA-ICE-3000 Certified Professional Inspector Code of Ethics

It is mandatory that recipients of the IDEA-ICE-3000 Professional Inspector Certification agree to the following:

- I agree to maintain a code of ethical behavior of honesty, fairness, and objectivity with all stakeholders and in the manner by which I execute my duties.
- I agree to not share, discuss, copy, or in any manner recreate or transfer the contents of the Independent Distributors of Electronics Association (IDEA) exams.
- I agree to the terms and conditions stated within this application form.

Candidate's Printed Name

Job Title

Candidate's Signature

Date

Exam Fee

The fee for a new Exam for employees of IDEA Members is \$200.00 US.
The fee for a renewal Exam for employees of IDEA Members is \$100.00 US.
Contact IDEA for a volume discount for 10 or more applications.

Payment required by check, credit card (Visa, MasterCard, Discover, or American Express), or PayPal which also accepts Visa, MasterCard, Discover, or American Express as well as eCheck.

If you provide your credit card information below, IDEA will process your credit card number for you.

For security reasons do NOT email your credit card information.



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**Method of Payment
(check one)**

Major Credit Card Check PayPal PO + Invoice

- You may make payment online at www.idofea.org or [click here](#).
- You may send check or money order via mail (U.S. dollars drawn on a U.S. bank) Make check payable to IDEA.
- You may **fax** the following information to 714-670-0201 for payment by major credit card. *Do not send credit card information via non-secure email.*
- You may submit a PO for IDEA to invoice you. **Note: The exam URL will not be released to the candidate until the payment for the exam has been received by IDEA.**

Credit Card Payment Information

Visa Mastercard American Express Discover

Cardholder's Name

Cardholder's Address Suite Number

Cardholder's Address (additional address space if needed)

Cardholder's City, State/Postal Code/ Zip

Cardholder's Telephone Number where you can be reached for card confirmation number

Card Number Exp. Date

Cardholder's Signature Date

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