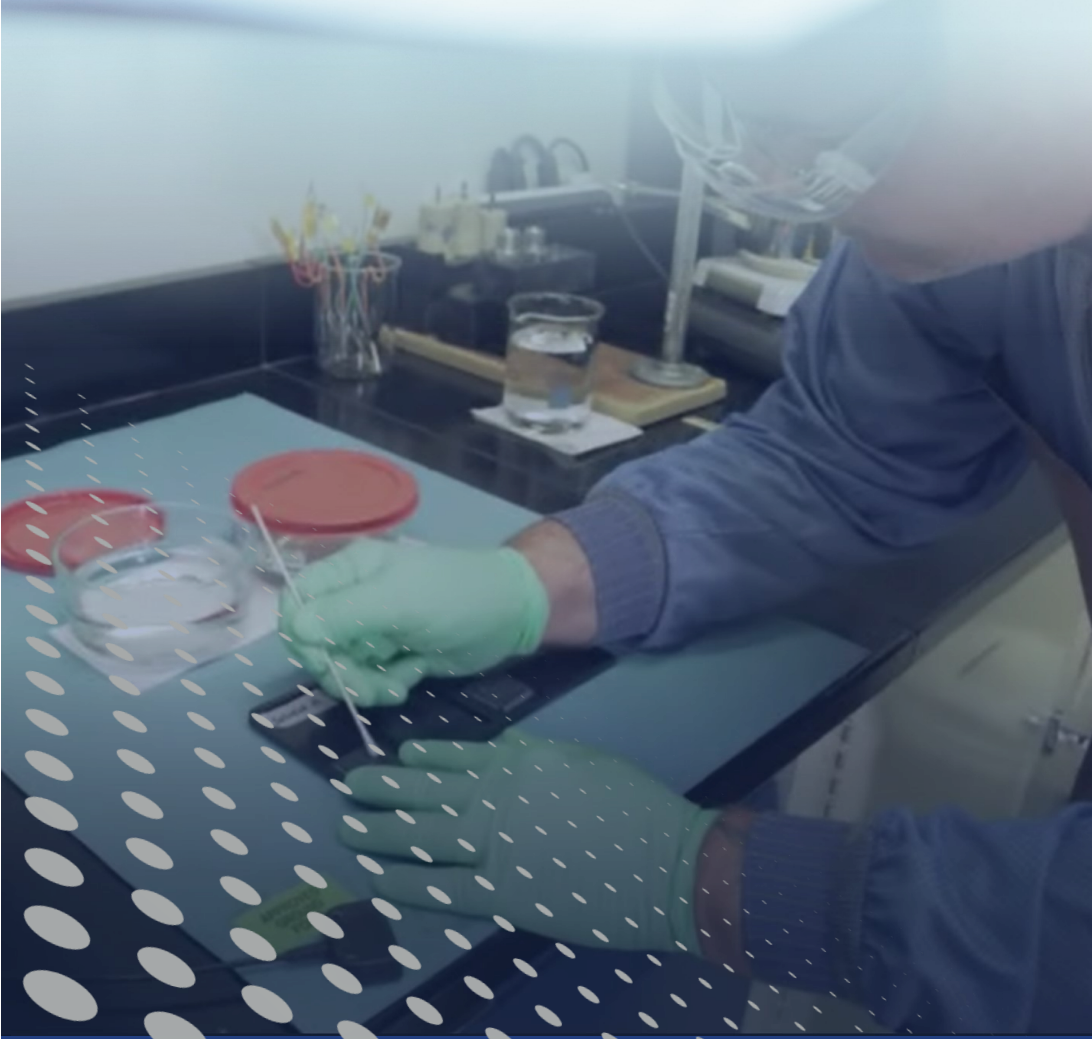




International Counterfeit Electronics
Personnel Training



Certification Programs

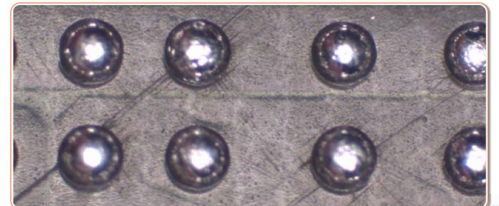


CRITERIA FOR REJECTION



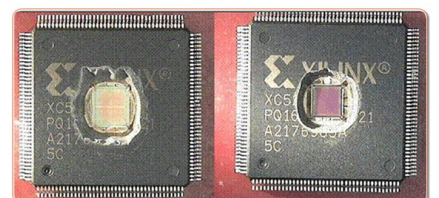
Surface removed with the scrape test

CRITERIA FOR REJECTION



Scratches on substrate beneath lead spheres

CRITERIA FOR REJECTION



Inconsistent die construction

InterCEPT Counterfeit Inspection and Testing of Electronic Parts Certification Program

An individual who completes the InterCEPT Counterfeit Inspection and Testing of Electronic Parts Certification is a person qualified to inspect and record the results of a counterfeit detection inspection on an electrical, electronic or electromechanical part. The certified inspector will have an understanding of the knowledge and skills necessary to perform a visual inspection, knowledge of the tests used to detect counterfeit electronic parts and knowledge of best practices used in the mitigation of counterfeit electronic parts.

Target Audience:

Manufacturers, Distributors, Government Agencies, Test Laboratories

Job Functions:

Quality, Purchasing, Sales, Inspection and Testing

Scope and Knowledge:

An **InterCEPT Certified Inspector 1** (Visual Inspection) has demonstrated the knowledge covered in the following InterCEPT classes:

- CF-02 Understanding the Global Electronics Supply Chain and How Counterfeits Enter the Supply Chain
- CP-01 Developing and Implementing a Documented Counterfeit Mitigation Program
- TM-01 Counterfeit Inspection and Testing of Electronic Parts: Test Methods Overview
- TM-02 Counterfeit Inspection and Testing of Electronic Parts: Visual Inspection and Criteria for Acceptance or Rejection

An **InterCEPT Certified Inspector 2** (Visual Inspection, Surface Analysis, X-Ray, Decapsulation and XRF) will complete all requirements for an Inspector 1 in addition to the following:

- TM-03 Counterfeit Inspection and Testing of Electronic Parts: XRF, Radiography, Decapsulation and Criteria for Acceptance or Rejection; and
- TM-04 Counterfeit Inspection and Testing of Electronic Parts: Surface Testing and Criteria for Acceptance or Rejection.

Certification Requirements:

- Successful completion of the required InterCEPT courses during a one-year period.
- Obtain a passing grade on the required InterCEPT final examinations.
- Certification candidates must apply for this certification by submitting an application which is subject to approval. The application must include three examples of test reports of inspections completed by the applicant.
- Upon successful completion of requirements, the candidate will be awarded an InterCEPT Counterfeit Inspection and Testing of Electronic Parts Certification.

Certification Renewal Requirements:

Inspector 1 – Visual Inspection Only (Four InterCEPT classes)

- Tuition: \$1,125.00
- ERAI Member Discount: \$900.00

Inspector 2 – Visual Inspection and Advanced Techniques. Includes Inspection 1 class suite plus two additional Inspector 2 classes. (Six InterCEPT classes)

- Tuition: \$1,575.00
- ERAI Member Discount: \$1,260.00

Revocation of Certification:

- Individual is charged with a crime or is named as a defendant in a legal action resulting in a finding of guilt related to the supply of suspect/counterfeit parts.
- Parts that were inspected and found to be acceptable by the individual but were later identified on an ERAI or GIDEP alert.

InterCEPT Program Manager Certification for Counterfeit Electronic Parts

A program manager is responsible for ensuring that products are manufactured in an organized manner to ensure that all customer requirements are met. In the electronics industry, a project cannot be successful without a program manager with the knowledge and experience necessary to avoid the risk posed by counterfeit parts. An individual who completes the InterCEPT Program Manager Certification for Counterfeit Electronic Parts is a person who understands the history, impact and solutions for mitigating counterfeit electronic parts.

The required courses include an understanding of how counterfeit parts enter the supply chain, developing a counterfeit mitigation program, an overview of the various industry standards developed to combat counterfeit electronic parts and an overview of the various counterfeit detection test methods for counterfeit electronic parts. These topics are all necessary to ensure that the customer requirements for the mitigation of counterfeit electronic parts are appropriately communicated to employees and flowed down throughout the supply chain.

Target Audience:

Manufacturers, Government Agencies, Test Laboratories

Job Functions:

Program Management, Product Engineers, Design Engineers, Quality, Sales

Scope and Knowledge:

An **InterCEPT Certified Program Manager** has demonstrated the knowledge covered in the following InterCEPT classes:

- CP-01 Developing and Implementing a Documented Counterfeit Mitigation Program
- TM-01 Counterfeit Inspection and Testing of Electronic Parts: Test Methods Overview
- CF-02 Understanding the Global Electronics Supply Chain and How Counterfeits Enter the Supply Chain
- ST-01 Industry Response to Counterfeits: An Overview of the Industry Standards

Certification Requirements:

- Successful completion and obtaining a passing grade of the required InterCEPT courses during a one-year period.
- Certification candidates must apply for this certification by submitting an application which is subject to approval.

Upon successful completion of requirements, the candidate will be awarded an InterCEPT Program Manager Certification for Counterfeit Electronic Parts.

Certification Renewal Requirements:

Recertification is necessary every five years and requires successful completion of current InterCEPT Counterfeit Inspection and Testing of Electronic Parts class suite:

- Tuition: \$900.00
- ERAI Member Discount: \$720.00

Revocation of Certification:

Individual is charged with a crime or is named as a defendant in a legal action resulting in a finding of guilt related to the supply of suspect/counterfeit parts.

Please contact interceptinfo@counterfeittraining.com for more details.



International Counterfeit Electronics
Personnel Training

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