Nuclear Receipt Inspection: Ensuring Quality and Safety

8 – 12 February 2027
Paris (France)



Nuclear Receipt Inspection: Ensuring Quality and Safety

Ref: 323035_222288 **Date:** 8 – 12 February 2027 **Location:** Paris (France) **Fees:** 5200 GBP

Course Description

This intensive 1-week course covers all aspects of nuclear receipt inspection, including codes and standards, commercial grade dedication, inspection techniques, and quality assurance. Participants will gain practical skills in preventing counterfeit and fraudulent items, non-conformity reporting, and sampling techniques through hands-on exercises and real-world examples.

Learning Objectives

- Understand and apply relevant nuclear codes and standards
- Master nuclear receipt inspection techniques and processes
- Develop skills in commercial grade dedication and preventing CFSI
- Learn effective non-conformity reporting and corrective action procedures
- Gain proficiency in statistics and sampling techniques for nuclear inspections

Course Modules

Day 1: Introduction to Nuclear Receipt Inspection

- Overview of nuclear industry regulations and standards
- Key terms and definitions in nuclear receipt inspection
- Nuclear receipt inspector qualifications and responsibilities
- Introduction to commercial grade dedication

Day 2: Nuclear Supply Chain and Procurement

- Nuclear supply chain qualifications and management
- Nuclear procurement requirements and documentation
- Preventing counterfeit, fraudulent, and suspect items CFSI
- Foreign material exclusion practices

Day 3: Inspection Techniques and Procedures

- Visual inspection methods and tools
- Dimensional inspection techniques
- Non-destructive examination NDE overview
- Documentation and record-keeping best practices



Day 4: Quality Assurance and Non-conformance Handling

- Quality assurance program requirements
- Non-conformity identification and reporting
- Corrective action processes and implementation
- Root cause analysis techniques

Day 5: Sampling Techniques and Practical Applications

- Statistical sampling methods for nuclear inspections
- Lot and batch sampling techniques
- Practical exercises in inspection and sampling
- Case studies and lessons learned from industry experiences

Practical Wins for Participants

- Ability to conduct thorough and compliant nuclear receipt inspections
- Skills to identify and prevent counterfeit or fraudulent items from entering the supply chain
- Proficiency in applying statistical sampling methods to improve inspection efficiency
- Confidence in managing non-conformances and implementing corrective actions

