

# Training catalogue 2023

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“ Require the best  
for **nuclear safety**. ”

# Editorial

SICA Nucléaire, created in 2009, has 62 years of accumulated experience in the nuclear sector.  
Certified since 2020, ISO 9001 and Qualiopi, our missions carried out in France and throughout the world (Europe, China, Russia).

## INSPECTION

From the procurement of materials at your suppliers, through incoming inspection, manufacturing and final inspection at your facilities, to the packaging of the finished product.

## AUDIT

In order to prepare the supplier qualification, to justify the mastery of QRA, to identify the deviations from the nuclear standards, to pre-select your subcontractors and to evaluate them periodically.

## QUALIFICATION TO THE NUCLEAR QUALITY MANAGEMENT SYSTEM

By identifying and justifying the QRA, creating the Specific Quality Plan and setting up contractual documents (Reference File, Follow-up Document, End of Manufacturing Report, etc.)

## MATERIAL QUALIFICATION

By writing the Qualification Synthesis Report, the Specific Qualification Program, the Qualification Preservation Sheet of Qualified Equipment, the Identification File, the Operating and Maintenance Guide or specifications for laboratories, and then by monitoring the tests.

## THE + SICA

- Responsiveness and customised support
- A report delivered within 10 working days in draft form

## OUR CODE ETHICS

- Prior agreement
- Impartiality
- Integrity
- Obligation of reserve
- Confidentiality
- Conflict of interest
- Legitimacy
- Optimisation of skills
- Consultation

## KEY FIGURES

**3170**  
trainees trained since 2010

**More than 30**  
training courses available  
in inter or intra-company,  
in French and English

**including 11**  
accredited courses  
**afcen**

## EDUCATIONAL ENGINEERING

SICA Nucléaire develops training modules, e-learning or board games according to your specifications. We also have a catalogue of training courses including, in particular:

- **Training**  
of which we let you discover the catalogue below...
- **E-learning**  
personalized modules according to your profile, composed of exercises and a final MCQ, which you can find in English, with or without subtitles.
- **Board games**
  - **RCC-E The Game** is a game agreed with AFCEN and designed on the basis of the RCC-E 2019 code. It initiates, perfects and refreshes the player on the content of the RCC-E code in a playful way. It is played by 2 to 4 players or teams of 2 players. Don't wait any longer, and challenge your work colleagues to RCC-E The Game. Available in English and French versions.
  - **19443 The Game** is a game agreed with AFNOR and designed on the basis of the NF ISO 19443 standard. It allows you to go through all the requirements of the standard while having fun. It is played by 2 to 4 players or teams of 2 players. So avoid going to prison, teleport and challenge your colleagues at work to 19443 The Game. Available in English and French versions.





# Our offices

Located in the **South-East of France**, between Aix-en-Provence and Marseille, **SICA Nucléaire** premises are fully equipped to **run inter-company training courses**.

This training room has been designed to accommodate up to **12 learners**.



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## afcen accredited training

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## Awareness

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All these training are available in french



# Board Games

They will enable you to test your skills on about the RCC-E code or the NF ISO 19443 standard. Newly available on the market, they involve memorization and team building.  
What could be better than learning while having fun?  
Do not wait anymore and challenge your colleagues.



Order your games  
online!

Available in French and English versions.

## 19443 The Game

19443 The Game is based on the famous «Goose game», adapted to the NF ISO 19443 standard. The aim? To be the first to reach the «19443» case!

**No. of players**  
2 to 4 players



**Goal**  
To win the game, you must be the first one to reach the «19443» square. If the player scores more on the dice than the number of squares away from this box, he will have to move backwards by the same number of boxes.

**Game setup**  
The game board is open.  
Cards are placed on their respective slots.  
Each player chooses a pawn and places it on the on the starting box 9001.

**How to play**  
Each player takes a turn rolling the die. Depending on the number rolled, the player moves his pawn to the corresponding box.  
If the player lands on the «?» box and answers correctly, he/she plays again. If not, the next player rolls the die.  
If the player lands on the «CFSI» box and answers correctly, he/she keeps the card and places it in front of him/her. If not, the next player rolls the die.  
If the player lands on the «prison» box and has a CFSI card in his/her possession, the player can play in the next turn and the next player rolls the die. If not, the player remains in prison for 2 turns.  
If the player lands on the «SICA Nucléaire» box and answers correctly, he/she keeps the card

and places it in front of him/her. If not, the next player rolls the die.  
If the player lands on the «INB» box and has a CFSI card and a SICA Nucléaire card in his/her possession, he/she may play in the next round and the next player rolls the die. If not, the player places his/her pawn on the «9001» box. If the player lands on the «Teleportation (entry)» box, answers correctly and has a SICA Nucléaire card, he/she can then move to the other side. If not, the player stays on the box and the next player rolls the die.  
If the player lands on the «Teleportation (exit)» box:  
- He/she answers correctly. He/she plays again.  
- He/she answers incorrectly but own a « SICA Nucléaire » card, the player stays on the box and the next player rolls the die.  
- He/she answers incorrectly and don't own a « SICA Nucléaire » card, he/she moves to the other side and places his/her pawn on the «Teleportation entry» box. The next player rolls the die.  
Acronym QMS: Quality Management System  
**Ending**  
The game ends as soon as a player has reached the finish line 19443.

## RCC-E The Game

The RCC-E The game is a game based on the famous game «Trivial Pursuit», adapted to the RCC-E 2019 code. Accredited by the AFCEN, it initiates and refreshes the understanding of the RCC-E in a playful way for industrialists, designers and operators involved in nuclear activities.

**No. of players**  
2 to 4 players – 1 gamemaster

**Goal**  
Get one counter of each colour, i.e. 7 counters.

**Game setup**  
Game board is open.  
«Novice and Expert Questions» cards are placed on either side of the board in the dotted spaces provided.  
Each player chooses 1 pawn and places it on the centre square «Volume VII», which is the starting square.  
A player judge is designated. She or he will lead the game and ask the players questions.

**How to play**  
The 15 player rolls the die and advances her/his pawn by the number of squares indicated by the die. She or He can move in any direction, without turning back, to choose the desired

difficulty and volume of the RCC-E designated by her/his colour.  
The player judge picks the first card corresponding to the level of difficulty and reads the question.  
If the answer is:  
- Correct and the player is on a standard square, She or He plays again,  
- Correct and the player is on a square with the SICA Nucléaire symbol, she or he wins the token corresponding to the colour of the question and must play again,  
- Wrong, the next player rolls the die. The «Questions» card is returned to the deck corresponding to the level of difficulty.

**Ending**  
The game ends as soon as a player has acquired each of the 7 coloured tokens. She or He is then the winner and the other players are ranked by the number of coloured tokens obtained.





# Training organization



## Planning

- ✓ Courses organized with a maximum number of people identified for each module
- ✓ Number of trainees to meet educational objectives SICA Nucléaire set for itself
- ✓ Minimum period of 2 weeks, between your request and the organisation of a training course, before sending you:
  - Agreement and training program
  - Invitation and internal regulations
  - Logistic information to access SICA Nucléaire premises



## Processus certified Qualiopi

Our training center just received in décembre 2020 the Qualiopi certification. It complies with our CO1 procedure mapping. To illustrate it, here are the process' key points:

- ✓ Training material delivery for each trainee
- ✓ Secure access to a Cloud gathering nuclear related public data
- ✓ Validation of acquired knowledge by a MCQ (Multiple Choice Questionnaire) at the end of the training
- ✓ Feedback through your comments and suggestions on the satisfaction sheet at the end of the training
- ✓ Sending following documents to the trainees' manager:
  - Certificate of achievement (co-signed by AFCEN for certified training)
  - Attendance sheet
  - Corrected MCQ
  - Training evaluation
- ✓ Indicative training schedules: from 9 a.m. to 12:30 p.m. and from 1:30 p.m. to 5 p.m.

All our inter-company training courses are available to people with disabilities. In this case, the beneficiary commits to inform us of such a situation so that we can adapt our training courses\*.

For in-company training, SICA Nucléaire ensures that all the necessary technical and organisational resources are available for a person with a disability.

\*3 weeks before the session, or at the latest upon signature of this agreement.



## Suggested contracts

- ✓ **Inter Pack** includes training, coffee breaks, Trainees' lunches, as well as conference room equipped with a video projector and a paperboard in option with a pedagogical board game
- ✓ **Intra Pack** includes training with coffee breaks in option with a pedagogical board game. Trainee's lunches as well as conference room equipped with a video projector and a paperboard remain the responsibility of the customer
- ✓ **Visio Pack** includes training support in pdf on a securised cloud
- ✓ **E-learning Pack** includes sending username and password to access the platform hosting the module



## SICA Nucléaire

- ✓ Lump sum invoicing when the number of participants is less than 6 people
- ✓ Discount on individual rate applicable from the 8th registered in the same training session
- ✓ The legal declaration of activity is registered under number 93 13 13 438 13 with the Prefect of the Provence-Alpes-Côte d'Azur region. The registration does not constitute approval by the State
- ✓ Registration under Datadock since 09/2017
- ✓ Certified ISO 9001 : 2015 since 10/2020
- ✓ Certified QUALIOPi since 12/2020



# Certifications

Since January 2015 we are members of the **AFCEN** and participate in working groups. Our membership with the AFCEN, allows us to participate in the working group of the **RCC-E code** and in the redaction sub-committee. Our training on RCC-E code are also accredited by the training sub-committee.

In September 2017, we registered under **Data Dock**.

In 2018 we became partners and members of **GIFEN**. This membership allows us to do a quality and technology watch and to participate in working groups in the field of the nuclear industry.

Since October 2020, we are certified **ISO AFAQ 9001: 2015**, with the AFNOR.

Since December 2020, we are certified **Qualiopi**, with the AFNOR.



# Quality and Nuclear safety training

## E1701 Nuclear quality management system

**Pre-requisite:**  
✓ Good knowledge of the English language.

**Profile:**  
Project manager, Business manager, Engineer and Manager for services such as manufacturing, design office, methods, qualification, quality, purchasing, sales, marketing and human resources.

**Description:**  
Analysis of the ISO 19443 standard and the interactions it may have with the decree of 07/02/2012, the safety culture according to INSAG-4, the EDF notes CCTG 051168 and PMUC notes.

**Training goals:**

- Be able to understand the ISO 19443 standard,
- Be able to make the link with the Order of 07/02/2012,
- Be able to identify and justify Quality Related Activities (QRA),
- Be able to identify the documented information required by the ISO 19443 standard,
- Be able to determine the requirements for building a Quality Management System in the nuclear field.

 15 3 days

 In our training room or on your premises

 Max. 12 people

### 1<sup>ST</sup> DAY

### 2<sup>ND</sup> DAY

### 3<sup>RD</sup> DAY

MORNING

- History and nuclear context
- Functioning of a Pressurized Water Reactor (PWR)
- French regulatory texts

- Planning (with 2 exercises of QRA/AIP)
- Principles of safety demonstration
- Safety rankings
- Qualification and preservation

- External service providers
- Production and service provision
- Release of products and services
- Control of non-conforming outputs

AFTERNOON

- Introduction of ISO 19443 standard
- Context
- Leadership
- Nuclear Safety culture

- Support
- Operational planning and control
- Product/service requirements
- Design and development

- Performance evaluation
- Improvement
- Synthesis
- Assessment of knowledge by MCQ

## E2003 ISO 19443 : 2018

**Pre-requisite:**  
✓ Good knowledge of the English language.

**Profile:**  
Anyone working on nuclear business and wishing to be aware of requirements of this area.

**Description:**  
ISO 19443: 2018 training.

**Educational goals :**

- Discover the key points of ISO 19443 standard,
- Be able to understand ISO 19443 standard,
- Be able to apply ISO 19443 standard to a nuclear quality management system,
- Be able to make the links between ISO 19443, the order of 07/02/2012 and the RCC-E.

 15 1 day

 In our training room or on your premises or by videoconference

 Max. 12 people

### DAY

MORNING

- History and nuclear context
- Operation of a Pressurized Water Reactor (PWR)
- French regulatory texts

AFTERNOON

- ISO 19443 key points
- Impact on your organisation
- Assessment of acquired knowledge by multiple choice questions (MCQ)

## E1604 Safety culture

**Pre-requisite:**  
✓ Good knowledge of the English language.

**Profile:**  
Anyone working on nuclear business.

**Description:**  
Safety culture training applied to study, production and repair for a nuclear project.

**Training goals:**

- Be able to relate manufacturing requirements (AIP/QRA, FuD, etc.) to nuclear safety culture,
- Be aware of counterfeit, fraudulent or suspect items,
- Be able to understand safety culture in accordance with document INSAG-4,
- Be able to establish the relationship with the ISO 19443 standard.

 15 1 day

 In our training room or on your premises or by videoconference

 Max. 12 people

### DAY

MORNING

- History and nuclear context
- Operation of a Pressurized Water Reactor (PWR)
- French regulatory texts
- Management of Counterfeit fraudulent or Suspect (CFS) items risks in manufacturing (AIP/QRA, FuD...)

AFTERNOON

- Recall on the Chernobyl accident
- The different components of a safety culture
- Best practices in safety culture
- Assessment of acquired knowledge by multiple choice questions



# afcen

## accredited training

### E1602 RCC-E 2012 Qualification and manufacturing of electrical equipment

#### Pre-requisites:

- ✓ Good knowledge of the English language.
- ✓ Some knowledge about electrotechnical and quality engineering.

#### Profile:

Project manager, Business manager, Engineer and manager of services such as manufacturing, design office, methods, qualification and quality.

#### Description:

AFCEN-accredited training, on each requirement of the RCC-E, with focus on qualification, manufacturing and modification activities related to electrical material important to nuclear safety.

#### Training goals:

- Be able to understand the content of the RCC-E code,
- Be able to define the qualification limits and its sustainability,
- Be able to define nuclear requirements in a quality management system,
- Be able to identify the requirements applicable to the manufacture of materials,
- Be able to understand the electrical equipment environment, including installation rules, coordination and sizing.



3 days



In our training room or on your premises



Max. 12 people



#### 1<sup>ST</sup> DAY

#### 2<sup>ND</sup> DAY

#### 3<sup>RD</sup> DAY

MORNING

- History and nuclear context
- Operation of a Pressurized Water Reactor (PWR)
- French regulatory texts

- Safety classification and associated requirements
- Qualification for accidental conditions
- Software aspects of control and command

- Sustainability of qualification
- Records and traceability in manufacturing and control
- Monitoring by your customer

AFTERNOON

- RCC-E organisation
- Architecture of electrical systems

- Hardware aspects of control command
- Equipment engineering

- Electrical equipment installation rules
- Assessment of acquired knowledge by multiple choice questions (MCQ)

### E2001 RCC-E 2019 Qualification and manufacturing of electrical equipment

#### Pre-requisites:

- ✓ Good knowledge of the English language.
- ✓ Some knowledge about electrotechnical and quality engineering.

#### Profile:

Project manager, Business manager, Engineer and manager of services such as manufacturing, design office, methods, qualification and quality.

#### Description:

AFCEN-accredited training, on each requirement of the RCC-E, with focus on qualification, manufacturing and modification activities related to Elements Important Protection (EIP).

#### Training goals:

- Be able to understand the content of the RCC-E code,
- Be able to define the qualification limits and its sustainability,
- Be able to define nuclear requirements in a quality management system,
- Be able to accurately identify the quality documents associated with RCC-E,
- Be able to understand the electrical equipment environment, including installation rules, coordination and sizing.



3 days



In our training room or on your premises



Max. 12 people



#### 1<sup>ST</sup> DAY

#### 2<sup>ND</sup> DAY

#### 3<sup>RD</sup> DAY

MORNING

- History and nuclear context
- Operation of a Pressurized Water Reactor (PWR)
- French regulatory texts

- Qualification for normal ambient conditions
- Qualification for accidental conditions

- List of sensitive activities
- Preservation of qualification
- Routine tests

AFTERNOON

- Specification of needs
- Electrical power sources

- Requirements of control systems
- Hardware engineering

- Supplier evaluation
- Installation rules
- Assessment of acquired knowledge by multiple choice questions (MCQ)

### E2301 RCC-E 2012 Qualification and manufacturing of electrical equipment

#### Pre-requisites:

- ✓ Good knowledge of the English language.
- ✓ Some knowledge about electrotechnical and quality engineering.

#### Profile:

Project manager, Business manager, Engineer and manager of services such as manufacturing, design office, methods, qualification and quality.

#### Description:

AFCEN-accredited training, detailing only qualification, manufacturing activities, inspection

and Modification of equipment Qualified to Accidental Conditions (MQCA).

#### Training goals:

- Be able to understand the content of the RCC-E code,
- Be able to define the qualification limits and its sustainability,
- Be able to define nuclear requirements in a quality management system,
- Be able to identify exactly which quality documents are associated with RCC-E.



2 days



In our training room or on your premises



Max. 12 people



#### 1<sup>ST</sup> DAY

#### 2<sup>ND</sup> DAY

MORNING

- History and nuclear context
- Operation of a Pressurized Water Reactor (PWR)
- French regulatory texts

- Preservation of qualification
- Hardware engineering
- Inspection and test methods

AFTERNOON

- RCC-E organisation
- Safety classification and associated requirements
- Qualification to accidental conditions

- Recording and traceability in manufacturing and control
- Surveillance carried out by your client
- Assessment of acquired knowledge by multiple choice questions (MCQ)

## E2004 RCC-E 2019 Qualification and manufacturing of electrical equipment

### Pre-requisites:

- ✓ Good knowledge of the English language.
- ✓ Some knowledge about electrotechnical and quality engineering.

### Profile:

Project manager, Business manager, Engineer and manager of services such as manufacturing, design office, methods, qualification and quality.

### Description:

Accredited AFCEN training, detailing only qualification, manufacturing activities, inspection

and modification of Equipment Qualified to Accidental Conditions (MQCA).

### Training goals:

- Be able to understand the content of the RCC-E code,
- Be able to define the qualification limits and its sustainability,
- Be able to define nuclear requirements in a quality management system,
- Be able to accurately identify the quality documents associated with RCC-E.



2 days



In our training room or on your premises



Max. 12 people

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### 1<sup>ST</sup> DAY

### 2<sup>ND</sup> DAY

MORNING

- History and nuclear context
- Operation of a Pressurized Water Reactor (PWR)
- French regulatory texts

- Hardware engineering
- Preservation of qualification
- Control and test methods

AFTERNOON

- RCC-E organisation
- Qualification and production of equipment important to nuclear safety
- Control systems

- Recording and traceability in manufacturing and control
- Surveillance carried out by your Client
- Assessment of acquired knowledge by multiple choice questions (MCQ)

# Awareness

## E1605 Nuclear requirement on your organisation

### Pre-requisite:

- ✓ Good knowledge of the English language.

### Profile:

Director, Project Manager, Manager and Head for various services such as manufacturing, design office, methods, qualification, quality, purchasing, trade, and human resources.

### Description:

Awareness of the main constraints related to the manufacture of electrical equipment classified security, on your organisation.

### Training goals:

- Be able to understand the logic of the Decree of 07/02/2012,
- To be able to draw the contours of the Important Activity for Protection/Quality Related Activities (AIP/QRA) by associating necessary tools,
- Be able to identify the AIP/QRA impact on your organisation.



1/2 day



In our training room or on your premises



Max. 12 people

### 1/2 DAY

Programmable  
at your convenience

- History and nuclear context
- Operation of a Pressurized Water Reactor (PWR)
- Definition of EIP and AIP/QRA
- Qualification of material important for safety

- Management of a nuclear project
- Impact of nuclear requirements on your organisation
- Assessment of acquired knowledge by multiple choice questions (MCQ)



E1606

Nuclear requirements on your manufacturing process

**Pre-requisite:**

✓ Good knowledge of the English language.

**Profile:**


Business manager, Engineer, technician and Operator of services such as manufacturing, design office, methods, qualification, quality, purchasing, sales & marketing, and human resources human.

**Description:**


Awareness of the main impacts related to the production of safety classified electrical equipment, on your manufacturing process.

**Training goals:**


- Be able to understand the logic of the RCC-E code,
- Be able to define the documents required by the RCC-E,
- Be performant during an inspection or audit with regard to these nuclear requirements.

15

½ day



In our training room or on your premises



Max. 12 people

½ DAY		
Programmable at your convenience		
	<ul style="list-style-type: none"><li>• History and nuclear context</li><li>• Operation of a Pressurized Water Reactor (PWR)</li><li>• Safety culture</li><li>• Reminder of the definition of EIP</li></ul>	<ul style="list-style-type: none"><li>• Safety classification and qualification</li><li>• Requirements related to AIP/QRA</li><li>• Impact on manufacturing</li><li>• Assessment of acquired knowledge by multiple choice questions (MCQ)</li></ul>

E1803

CCTR painting note

**Pre-requisite:**

✓ Good knowledge of the English language.

**Profile:**


Project Manager, Manager, Business Manager, Quality Engineer, Method engineer, Painting Manager.

**Description:**


Awareness of the Coating Application Specific Requirements (CCTR) on painting activities performed on equipment intended for EDF nuclear power plants.

**Training goals:**


- Be able to understand the requirements of the CCTR.

15

½ day



In our training room or on your premises



Max. 12 people

½ DAY		
Programmable at your convenience		
	<ul style="list-style-type: none"><li>• Role of paint</li><li>• Qualification of paint systems</li><li>• Certifications required</li></ul>	<ul style="list-style-type: none"><li>• Storage and packaging</li><li>• Assessment of acquired knowledge by multiple choice questions (MCQ)</li></ul>

E1804

CSCT Packaging

**Pre-requisite:**

✓ Good knowledge of the English language.

**Profile:**


Project Manager, Manager, Account Manager, Quality Engineer, Method engineer, Packaging / Shipping Service.

**Description:**


Awareness of Book of Specification and Technical Conditions (CSTC) requirements dealing with long-term packaging, packing marking, loading and transport of equipment for EDF nuclear power plants.

**Training goals:**


- Be able to understand the requirements of the CSTC packaging which specifies the EDF requirements relating to packaging and packing.

15

2 hours



In our training room or on your premises



Max. 12 people

2 HOURS		
Programmable at your convenience		
	<ul style="list-style-type: none"><li>• Presentation of the different types of packaging</li><li>• Specific requirements for packing</li><li>• Marking and labelling</li></ul>	<ul style="list-style-type: none"><li>• Assessment of acquired knowledge by multiple choice questions (MCQ)</li></ul>

E1805

PMUC NOTE

**Pre-requisite:**

✓ Good knowledge of the English language.

**Profile:**


Project manager, Manager, Business manager, Quality engineer, Method engineer, Workshop manager.

**Description:**


Awareness of PMUC note requirements (Products and Materials Usable in Nuclear Power Plants) which specifies the sulphur and halogen limit rates for manufacturing, packaging, installation and maintenance of equipment for EDF nuclear power plants.

**Training goals:**


- Be able to understand the requirements of the PMUC note,
- Be able to identify the PMUC note impact on your equipment.

15

2 hours



In our training room or on your premises



Max. 12 people

2 HOURS		
Programmable at your convenience		
	<ul style="list-style-type: none"><li>• Scope of PMUC note</li><li>• Different types of corrossions</li><li>• Product approval</li></ul>	<ul style="list-style-type: none"><li>• Specifications to be respected</li><li>• Assessment of acquired knowledge by multiple choice questions (MCQ)</li></ul>

# E-learning

## E1806 Safety culture

- Pre-requisite:**
- ✓ Good knowledge of English language.
  - ✓ Possess a computer and a broadband internet connection.

**Profile:**  
Anyone working in nuclear industry.

**Description:**  
E-learning awareness of safety culture for operators carrying out activities that can impact the safety of classified safety equipment.

- Training goals:**
- Be aware of the safety culture.

15 1h30

Remote

Individual

1H30

Program

- History and nuclear context
- Operation of a Pressurized Water Reactor (PWR)
- Qualification according to the RCC-E code
- Quality Related Activities (QRA/AIP)
- The CFS items (Counterfeit, Fraudulent, Suspect)
- Origin of the safety culture
- The 3 main components
- Assessment of knowledge by MCQ

## E2101 ISO 19443: 2018

- Pre-requisite:**
- ✓ Good knowledge of English language.
  - ✓ Possess a computer and a high-speed internet connection.

**Profile:**  
Anyone working in nuclear industry.

**Description:**  
Awareness of the ISO 19443 standard for all persons working in the nuclear field on items or activities of importance to nuclear safety.

- Training goals:**
- Be aware of the requirements related to ISO 19443: 2018 standard.

15 1h30

Remote

Individual

1H30

Program

- Context and legislation
- Leadership
- Important To Nuclear Safety product (ITNS)
- Graded approach
- Competence and Awareness
- The CFS items (Counterfeit, Fraudulent, Suspect)
- Assessment of knowledge by MCQ

## E2104 RCC-E 2012

- Pre-requisite:**
- ✓ Good knowledge of English language.
  - ✓ Possess a computer and a broadband internet connection.

**Profile:**  
Anyone working in nuclear industry.

**Description:**  
Awareness of the RCC-E 2012 code for all persons working in the nuclear field on electrical safety equipment.

- Training goals:**
- Be aware of certain requirements of the RCC-E 2012 code.

15 1h30

Remote

Individual

1H30

Program

- Operation of a Pressurized Water Reactor (PWR)
- Regulatory, normative and technical references
- The reasons for the existence of the RCC-E 2012 code and its constitution
- Engineering requirements and electrical systems
- Qualification, instrumentation and control and qualification preservation
- Nuclear Quality Management System
- Materials and installation engineering
- Assessment of knowledge by MCQ



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