Rules for the Design and Construction of Mechanical Equipment

RCCMEN

Know the architecture and apply the RCC-M Code
AFCEN accredited training

Public Visé

Quality Manager, Engineer or Technician in charge of studies or manufacturing, Engineer or Technician in charge of intervention or maintenance on a nuclear installation, Writer of specifications for new materials or for maintenance intervention, Engineer or Technician of a nuclear power plant concerned by the equipment subject to the RCC-M Code.

Pré Requis

General knowledge of pressure equipment and mechanical equipment

Objectifs pédagogiques

Situate the context of the RCC-M code in the design and construction of the mechanical equipment of the nuclear islands of Pressurized Water Reactors,
Explain the scope, the issues, and the actors of the nuclear code,
Identify the different parts of the Code,
Use the search logic to navigate the code according to your request.

Méthodes et moyens pédagogiques

Pedagogical means
Active and participative pedagogy alternating theoretical contributions, presentations and exchanges during virtual classes
Theoretical and practical lessons adapted to the participants' activity.

Techical means
PC or tablet + video projector, multimedia resources, flip chart

Human resources
Expert trainer in nuclear pressure equipment and RCC-M Code recognised by AFCEN and qualified by SOCOTEC Formation Nucléaire

Parcours pédagogique

THEORY
Context of the Code
Structure • Scope • Issues • Actors • Quality Assurance.
Regulatory framework for pressurised equipment
Scope • Regulatory actors.
Structure of the Code
The different entry keys • The path to follow
Quality Assurance and RCC-M Code
Quality requirements • Management of associated documents
Materials and RCC-M Code
Procurement process • Technical constraints • Contents of Volume II on materials
Design and RCC-M Code
Design organisation • D • Different operating situations • Stress inventories, design of welded joints.
Fabrication, welding and associated controls according to the RCC-M Code
Rules in probationary phase and RCC-M Code
Management system requirements

PRACTICAL
Implementation exercises: application and navigation in the code based on a specific file

Remote Learning avalaible, please contact us

Méthodes et modalités d'évaluation

Validation of theoretical knowledge at the end of the session in the form of multiple-choice questionnaire.
Summative evaluation throughout the course.

Durée

32.00 Heures
4 Jours

Effectif

4 to 12 trainees

Contactez-nous !

Service commercial
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