RCC-M Fundamentals for Nuclear Equipment Manufacturers

Overview
This course is aimed at supply chain vendors who need to better understand the RCC-M standard.

RCC-M is the French standard for the design and construction of pressurised equipment relating to the nuclear island of pressurised water reactor power plants. It has been upgraded several times since the issue of the first version of the standard in 1981, and at the end of 2007 RCC-M underwent a major upgrade.

This course has been developed with and will be delivered by Bureau Veritas (BV) part of the Skills Academy’s High Quality Provider Network. BV are experts in RCC-M both in the UK, France and other parts of the world.

Who will benefit?
Engineers, quality managers and/or other key personnel from companies that are currently supplying, or seeking to supply, the nuclear new build sector.

The course is delivered as an overview of the full RCC-M standard. As such it is fast-paced and covers a lot of detail, which is essential knowledge as a first base to more in depth training and practical use of the code.

Date
Tuesday 8th and Wednesday 9th October 2013

Time
09.00 – 17.00

Venue
EEF Woodland Grange, Leamington Spa, Warwickshire, CV32 6RN

Cost
£1,000 plus VAT – Members
£1,500 plus VAT – Non-members
(The price is inclusive of tuition, materials, lunch and refreshments on both days).

Book Now
If you would like to book onto this workshop, please complete the online booking form via the Skills Academy website (link below).

W: nuclear.nsacademy.co.uk

For further information please contact:
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Topics Covered

During the two-day course the following subjects will be addressed:

- **RCC-M General Presentation**
  - Why a specific nuclear code
  - Historical introduction
  - RCC-M Scope
  - Structure of the code
  - RCC-M and NPE order

- **RCC-M Design Principles and Regulations**
  - General approach
  - Damage mechanisms and associated criteria
  - Methods of Design
  - Consistency of technical provisions
  - General conclusions

- **RCC-M Materials/Procurement**
  - Description of materials used
  - Purpose of section II
  - How section II is used
  - Reference procurement specifications
  - Qualifications
  - Main recent updates in section II

- **RCC-M Manufacturing**
  - Structure of section V
  - Marking procedures
  - Forming and dimensional tolerances
  - Cleanliness
  - Heat Treatments

- **RCC-M Welding**
  - Structure of section IV
  - Acceptance of filler materials
  - Qualifications
  - Production welds
  - Hard facing

- **RCC-M NDE**
  - Methods used for Non Destructive Examinations (NDE)
    - For procurement of parts and products
    - For the qualifications of welding and forming
    - For manufacturing

- **RCC-M/RSE-M versus ASME III & XI**
  - Overview of ASME codes
  - ASME III historical background
  - RCC-M v ASME III general org
  - RCC-M v ASME III design
  - RCC-M v ASME III material, manufacturing and quality
  - In-service inspection: RSE-M v ASME XI

“This was a very useful course which de-mystified RCC-M for me and put it into context relevant to the nuclear related codes and standards we already work with.”

Adrian Woodward
Head of Assurance, NIS Ltd
Attended in July 2013