

Understanding and Implementing ASME NQA-1

Brief Course Description:

The overall objective of this three day course is for students to gain a working knowledge of the ASME NQA-1 standard for Quality Assurance Requirements for Nuclear Facility Applications (QA). Participants will be introduced to the history, structure, and content of NQA- 1. The course looks at acceptable methods for implementing an effective NQA-1 within various regulatory environments. Special topics of interest to the nuclear industry will be discussed and current practices examined. These include commercial grade dedication, software QA, and use of relevant Subparts.

Key Topics Covered

- Regulatory requirements within the NRC and the DOE
- Procure items and services
- Evolution and Structure of NQA-1
- Control items and services
- Develop an NQA-1 QA program
- Perform assessment activities
- Documenting an NQA-1 program
- Address special topics
- Conduct design and test activities

Who Should Attend:

Quality Engineers, Auditors, Engineers, Project Managers, Inspection Personnel, Production Supervisors, Facility Representatives, Procurement Personnel, Safety System Oversight Staff, and Assessment Personnel.

Prerequisites:

Participants must obtain a copy of ASME NQA-1–2000 or newer, Quality Assurance Requirements for Nuclear Facility Applications (QA). Copies of NQA-1 may be purchased through the ASME Publications Website. Department of Energy students are encouraged to bring copies of 10 CFR 830, Subpart A – Quality Assurance Requirements and DOE O 414.1C, Quality Assurance.