

FACT SHEET

ASME NQA-1 and ASME BPVC Section III Lead Auditor Training



Provide prospective lead auditors with the necessary formal training to fulfill the requirements of ASME NQA-1.

Who Should Attend?

This course is mainly intended for **prospective lead auditors and auditors who will perform internal Audits, as well as Surveys and Audits to their supply chain.** This course would be also helpful for **quality managers, quality engineers and supply chain personnel.** It is suitable for both intermediate and experienced personnel working for any company involved in the supply chain of Nuclear, seeking a practical understanding of how Audits and Surveys are performed.

Training Objectives

The objective of this course is to **provide participants with the knowledge and practical understanding required to fulfill the requirements of ASME NQA-1 Subpart 3.1-2.2 to qualify prospective lead auditors (with the exception of the experience of Audit Participation)**

Methodology

Instructor-led training delivered through **live classes** using an adult learning approach. The course combines presentations, guided discussions, individual exercises, and simplified case studies to reinforce the understanding of Audits and Surveys. Participants gain practical knowledge and engineering insights that can be directly applied to Audits and Surveys they may lead, plan or receive.

Duration

The duration of this training will be determined based on the specific needs of each edition and its scope. The content will be structured into different sessions designed to facilitate progressive learning.

What to expect?

Expertise to examine the general structure of **quality assurance programs and quality system programs**

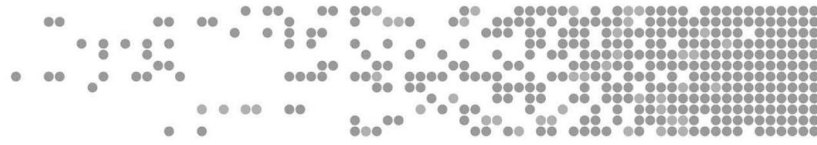
Establish an **audit program and how to plan for conducting audits**

Identify the **four phases of the audit life cycle: preparation, performance, reporting, and follow-up**

Identify the duties and responsibilities of both an **auditor and lead auditor**

Prepare and perform internal and supplier audits and surveys including how to report and follow up on findings

Demonstrate an understanding of auditing methods and techniques through participation in practical exercises and examination



Contents

Introduction to Regulations and ASME

Overview of the International Nuclear Regulatory Framework, with focus on US NRC 10 CFR 50 Appendix B and 10 CFR 21

Introduction to ASME NQA-1 and ASME BPVC Section III programs and how they are endorsed by US NRC and fulfill the regulatory requirements.

ASME NQA-1

Part I: Basic Quality Assurance Requirements, including the 18 requirements derived from NRC 10CFR50 Appendix B, and how they are linked.

Overview of Part II: Supplemental Requirements

Overview of Part III: Non-Mandatory Guidance, with focus on Subpart 3.1-2.2 Implementing Guidance for Part I, Requirement 2: Quality Assurance Programs, Lead Auditor Qualification

Overview of Part IV: Additional Non-Mandatory Guidance

ASME BPVC Section III

Introduction to ASME BPVC Section III

ASME BPVC Section III Subsection NCA

Subsection NCA Quality Programs as defined in

NCA-4000 Quality Assurance Requirements

NCA-3000 Responsibilities and duties

NCA-7000 Reference Standards

Suppliers of services

Comparison between Commercial Grade Dedication form ASME NQA-1 and Unqualified Source Material form ASME BPVC Section III Subsection NCA

Audit programs, techniques, and plans

ASME NQA-1 Part 1 300 Preparation:

301 Audit Plan

302 Personnel

303 Selection of Audit Team

Audit Reporting and follow-up

ASME NQA-1 Part 1:

300 Preparation

400 Performance

500 Reporting

600 Response

700 Follow-up Actions

800 Records

Lead Auditor Qualification

ASME NQA-1 Subpart 3.1-2.2, and ASME NQA-1 Part1:

303.1 Communication Skills

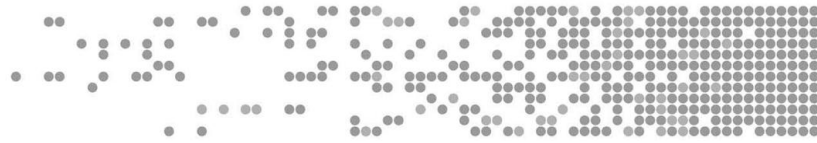
303.2 Training

303.3 Audit Participation

303.4 Examination

303.5 Maintenance of Proficiency

303.6 Requalification



Instructor

Lead Auditor, Senior Consultant, Certified Welding Engineer, NDE Level 3 certified in VT, PT, MT, RT, UT, and LT. Experienced in developing corporate management systems and quality programs in accordance with Nuclear regulations and codes. Expertise in developing and auditing quality programs in accordance with US NRC 10 CFR 50 Appendix B, 10 CFR 21, ASME NQA-1, ASME BPVC Section III for Certificate Holders and Material Organizations, Calibration and Testing Laboratories using ISO 17025 and Commercial Grade Dedication.

Active member of several ASME committees of BPV Section IX, additive manufacturing, III, V, including their International working groups in Italy. Volunteer in ASME hydrogen steering committee and the European IWG for B31.12.

Consultant and mentor for Certificate Holders, Material Organizations, Laboratories, team leader in Research & Development, Failure Analysis, Corrosion, and Product Regulatory Conformity.

Tailored Training

The most effective training is one that satisfies the needs of each company's business focus and deliverables. **We adapt our training programs to each specific requirement, offering bespoke solutions for each need.** The result, 100% tailored programs, developed to maximize the time investment and deliver tangible and intangible returns to the work teams.

After an assessment phase, a tailored training plan is designed jointly with the client. This plan is specifically tailored to meet the client's needs, focusing on effectively enhancing the capabilities of the work team. **We provide practical, dynamic, and hands-on training,** making available the best instructors in each subject.

Arveng Training

Arveng Training has developed effective and practical solutions for today's industrial challenges by delivering specific, high-quality engineering courses utilizing three different approaches: classroom, online, and tailored training. We are proud to have imparted more than 500 classroom courses, 1800 online courses, and over 250 in-company sessions. Our training activities have benefitted over 6500 professionals, our greatest accomplishment of all.

We consider our students' time to be of utmost importance. For this reason, all our courses have been designed with the main objective of quickly improving the professional skills of the participants through our expert instructors in different disciplines. **We stimulate creativity, innovation, and initiative to make the participants inquisitive, bringing good engineering practices and lessons learned to the field, that benefits their professional lives in the long term.**

Our Company

Arveng Training & Engineering is a leading company providing Training and Engineering services based in Madrid, Spain. Our mission and vision are to be a leading training and engineering services company, providing our clients with the best in the sector. We are a team of highly motivated, talented, highly qualified professionals with over 20 years of experience. We aim to exceed expectations by offering efficient, innovative, cost-effective, and transparent services.

Established in July 2010, mainly oriented to the industrial sector, from the very beginning Arveng has always worked with closeness, responsibility, and commitment in all areas of activity.

Through experience gained by partaking in multidisciplinary engineering projects in sectors such as Petrochemical, Energy Generation, and Industrial, we provide answers and solutions to concrete requirements, making the effort to build long-lasting and mutually beneficial relationships.