

ANDE-1 CASES

A Case is the official method of handling a reply to an inquiry when study indicates that the Standard wording needs clarification, or when the reply modifies the existing requirements of the Standard, or grants permission to use alternative methods.

ASME has agreed to publish Cases issued by the ANDE Committee concerning the ANDE-1 Standard. Cases will remain in effect for the applicable editions until they are annulled. Cases are published on the ASME Web site under the ANDE Committee Page at <http://cstools.asme.org/> as they are issued.

The following Cases are included with this Edition of ASME ANDE-1:

<i>Case Number</i>	<i>Title</i>	<i>Applicability</i>
1	ASME/ANDE NDE/QC Transition Provision Requirements	2015 Edition
2	Alternative Specific Industry Sector (SIS) Requirements for Boiler Pressure Vessel and Piping (BPVP) NDE	2015 Edition

ANDE-1, Case 1 ASME/ANDE NDE/QC Transition Provision Requirements

Approval Date: August 31, 2015

Inquiry: What alternative requirements may be used that would allow a qualified individual approved by the ANDE Transition Committee to be certified as a Provisional ANDE Level III for a specified duration only for the purposes of validating and documenting education, training, and experience for candidates seeking certification to the ASME ANDE-1 Standard and to provide an alternative Level I and Level II training provision during the transition period?

Reply: It is the opinion of the Committee that a qualified individual approved by the ANDE Transition Committee may be certified as a Provisional ANDE Level III for a specified duration only for the purposes of validating and documenting education, training, and experience for candidates seeking certification to the ASME ANDE-1 Standard and to provide an alternative Level I and Level II training provision during the transition period. The qualification requirements for Provisional ANDE Level III certification and the alternative Level I and Level II training provision are given in paras. 1 and 2.

1 ANDE PROVISIONAL LEVEL III CERTIFICATION

A Provisional Level III Certification shall be available to current Level III personnel certified in a given nondestructive examination (NDE) or quality control (QC) method that meets the transition criteria.

1.1 Eligibility Requirements

ANDE Provisional Level III candidates shall meet the eligibility requirements for education, training, and experience in accordance with nationally recognized certification programs. Documented experience should encompass a broad base of ASME Boiler and Pressure Vessel Code examination/inspection activity. The applicant shall include documentation of current Level III certification and a minimum of 5 yr of Level III experience that includes the qualification and certification of personnel in each method requested.

1.2 Examination Requirements

(a) *NDE.* Individuals with current employer Level III certification(s) based on nationally recognized nonemployer-based basic and method written examinations

may be considered for provisional certification. Acceptable examinations include those from

- (1) the American Society for Nondestructive Testing (ASNT)
- (2) the Electric Power Research Institute (EPRI)
- (3) EN 473
- (4) ISO 9712

NOTE: The written examinations must be nationally recognized or recognized within the specific industry sector (SIS).

(b) *QC.* QC examinations may be employer-based examinations developed and administered in accordance with an ISO 9000 or equivalent quality assurance program (e.g., ASME NQA-1) recognized by the specific industry sector (SIS).

1.3 Application

Transition shall be a “one time only per method” opportunity within an applicable SIS. Applications shall include a document outlining the requirements, guidelines, and expectations of the Provisional Level III for validation and documentation of education, training, and experience for candidates seeking certification to the ASME ANDE-1 Standard. The Provisional Level III shall sign the document attesting to the fact they understand the requirements and expectations of this position. Applications, including the Provisional Level III understanding document, shall be submitted to the Certification Body for ANDE Transition Committee review and approval.

1.4 Certification Period

Provisional Level III certifications are valid during the transition period as set by the ANDE Committee.

1.5 Full-Program Certification

Upon completion of at least 1 yr as a Provisional Level III, the individual shall be eligible to complete a practical examination. Upon successful completion of this examination, the Provisional Level III will be issued a full ANDE certification in the method.

2 ALTERNATIVE LEVEL I AND LEVEL II TRAINING PROVISION DURING THE TRANSITION PERIOD

(a) *NDE/QC* candidates shall have a signed endorsement from a Provisional or ANDE Level III for consideration to meet the ANDE Standard training requirements. Additionally, the individual shall

(1) have previous (within 3 yr) or current certification in accordance with a nationally recognized certification program or a program recognized within the applicable SIS

(2) have completed an ANDE Qualification Card under the direction of a Provisional or ANDE Level III

(b) The individual shall then be eligible to apply for certification. Upon successful completion of the written

and practical examinations, the individual will be certified to the ANDE Standard.

3 AVAILABILITY OF TRANSITION ALTERNATIVE

Initially, the transition alternative described herein shall be available within the applicable SIS for only 3 yr from the date of issuance of ASME ANDE-1-2015, but availability may be extended based on industry demand.

ANDE-1, Case 2**Alternative Specific Industry Sector (SIS) Requirements for Boiler Pressure Vessel and Piping (BPVP) NDE**

Approval Date: October 5, 2015

Inquiry: What alternative requirements may be used to allow qualified non-nuclear individuals working with boiler pressure vessels and piping (BPVP) to obtain an ANDE Certification?

Reply: It is the opinion of the Committee that qualified individuals meeting the requirements of ASME ANDE-1 and the applicable specific industry sector (SIS) will be eligible to take the ANDE Certification examinations.

1 GENERAL

(a) This Case contains the SIS requirements that are additional to those in Part 1, Part 2, or Part 3, as applicable, of this Standard or its Cases.

(b) This industry sector shall set up a SIS Committee that provides technical guidance and oversight to the Certification Body (CB) in accordance with this Standard.

(c) Within this Case, the paragraph titles under each set of requirements for this SIS begin with the title of the corresponding Section in the Standard (e.g., Section 1-3, Responsibilities) where the requirements in this Case shall be applied. Other SIS requirements may also be included in this Case that may not directly apply to an existing Section in the Standard.

2 SECTOR REQUIREMENTS

Paragraphs 2.1 through 2.6 of this Case contain specific requirements for NDE personnel qualification and certification activities required by the non-nuclear BPVP sector.

2.1 Responsibilities — BPVP Manufacturers and Assemblers That Hold ASME Certificates and Perform Work to Jurisdictional Regulations or Other Codes and Standards

Manufacturers and Assemblers of BPVP are responsible for verification of CB certifications of personnel performing examinations as required by the governing code. This shall include the following:

(a) checking the status of certifications through the certification database maintained by the CB

(b) reviewing and approving experience records for NDE personnel consistent with their project work assignments

(c) establishing a procedure in accordance with the governing code that meets the requirements of this Standard for qualification and certification of NDE personnel

2.2 Responsibilities — Inspectors

Authorized Inspectors, Owner's Inspectors, Certified Individuals, Manufacturers, and Assemblers shall verify the qualifications of NDE personnel in accordance with the governing code. Verification includes, but is not limited to, monitoring of examinations and reviewing the status of certifications through the certification database maintained by the CB.

2.3 Responsibilities — Specific Industry Sector Committee for NDE Personnel Qualification and Certification

(a) This SIS Committee establishes qualification and certification requirements for specific industry applications and advises the CB on all technical and procedural matters concerning those qualification and certification requirements.

(b) This SIS Committee shall be used to provide oversight of CB activities performed in accordance with this Standard. The oversight activities shall be accomplished by an audit, assessment, or surveillance, and the frequency shall be determined by this SIS Committee.

2.4 Responsibilities — Quality Control System

(a) When the CB is used for NDE personnel qualification and certification activities in the BPVP sector, it shall have a Quality Control System that meets industry standards and best practices.

(b) For other sector activities such as those addressed by jurisdictional regulations or different codes, standards, specifications, procedures, or instructions, the CB Quality Control System shall meet the applicable requirements, e.g., the National Board Inspection Code of Boiler and Pressure Vessel Inspectors for repairs and replacement.

2.5 Eligibility and Maintenance of Certification — Qualification/Continuity Cards

When a Qualification/Continuity Card is required to be used in this Standard for NDE personnel, it shall be verified by an Authorized Inspector, Certified Individual, Qualified Inspector, or Owner's Inspector as defined

in the applicable governing code prior to submittal to the CB.

2.6 Maintenance of Certification

For continued proficiency in performing the duties required for a NDE method or endorsement in which the individual is certified, it is necessary to maintain

certification. An Authorized Inspector, Certified Individual, Owner's Inspector, Owner, ASME Certificate Holder, or an employer as defined in the applicable governing code shall document any personnel deficiencies and report these to the CB for review. The CB shall determine the significance of the deficiency and the appropriate action to be taken relative to the individual's certification.