

ASME CA-1–2014
(Revision of ASME CA-1–2013)

Conformity Assessment Requirements



The American Society of
Mechanical Engineers

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Conformity Assessment Requirements



**The American Society of
Mechanical Engineers**

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FOREWORD

In February 2009, the ASME Board on Conformity Assessment (BCA) formed the Committee on Conformity Assessment Requirements. The mission of this Committee was to develop a separate standard that includes the necessary ASME conformity assessment requirements currently contained in various ASME Codes and Standards. This Standard is a result of that mission.

The first edition was published in 2013 and was written specifically to inform the non-nuclear boiler and pressure vessel industry of the direction in which ASME will be implementing and updating its conformity assessment programs. Future editions will be published to minimize content duplication and potential conflicts of statements for all of ASME's conformity assessment programs.

The 2014 edition has been revised to permit other ASME conformity assessment programs to reference the ASME CA-1 Standard.

These requirements were developed and are maintained by the ASME Committee on Conformity Assessment Requirements that reports to the ASME Board on Conformity Assessment. The Committee operates under the procedures accredited by the American National Standards Institute.

Requests for interpretations of or revisions to this Standard are welcome. They should be sent to The American Society of Mechanical Engineers; Attn: Secretary, Conformity Assessment Requirements Committee; Two Park Avenue; New York, NY 10016-5990.



COMMITTEE ON CONFORMITY ASSESSMENT REQUIREMENTS

(The following is the roster of the Committee as of May 2014.)

STANDARDS COMMITTEE OFFICERS

P. D. Edwards, *Chair*
R. E. McLaughlin, *Vice Chair*
K. I. Baron, *Secretary*

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STATEMENT OF POLICY ON THE USE OF THE ASME CERTIFICATION MARK IN ADVERTISING

ASME has established procedures to recognize the capabilities of organizations to provide items and/or services in conformance with governing standards. It is the aim of the Society to provide recognition of organizations authorized to apply the ASME Certification Mark under a Certificate of Authorization. An organization holding an ASME Certificate of Authorization may state its capability to provide items in conformance with the governing standard in its advertising literature.

Organizations that have demonstrated their capability to provide items in conformance with the governing standard are issued Certificates of Authorization and are authorized to mark such items with the Certification Mark when those items are constructed under the Certificate of Authorization. It is the aim of the Society to maintain the standing of the Certification Mark for the benefit of the users, the enforcement jurisdictions, and the holders of the Certification Mark who comply with all requirements.

Based on these objectives, the following policy has been established on the usage in advertising of facsimiles of the Certification Mark, Certificates of Authorization, and reference to Code construction. The American Society of Mechanical Engineers does not “approve,” “certify,” “rate,” or “endorse” any item, construction, or activity, and there shall be no statements or implications that might so indicate. An organization holding a Certificate of Authorization may state in advertising literature that items, constructions, or activities “are built (produced or performed) or activities conducted in accordance with the requirements of [identify the designation and name of the governing standard],” or “meet the requirements of [identify the designation and name of the governing standard].” An ASME corporate logo shall not be used by any organization other than ASME.

The Certification Mark shall be used only for stamping and nameplates as specifically provided in the governing standard. However, facsimiles may be used for the purpose of fostering the use of such construction. Such usage may be by an association or a society, or by a holder of the Certification Mark who may also use the facsimile in advertising to show that clearly specified items will carry the Certification Mark.



CONFORMITY ASSESSMENT REQUIREMENTS

1 INTRODUCTION

1.1 Scope

This Standard specifies the requirements for accreditation and certification of organizations supplying products and/or services that are intended to conform to the requirements of ASME standards listed in Table 1.

1.2 Definitions

Applicant: a company applying for ASME accreditation or certification.

ASME Designated Organization: an entity appointed by ASME to perform an administrative activity in accordance with an applicable code or standard.

ASME Designee: an individual authorized by ASME to perform administrative functions on its behalf.

audit: a documented evaluation performed to verify, by examination of objective evidence, that those selected elements of a previously approved quality management system have been developed, documented, and implemented in accordance with specific requirements. An audit does not include surveillance or inspection for the purpose of process control, or acceptance of material or items.

Authorized Inspection Agency: an organization accredited by ASME in accordance with ASME QAI-1.

Certificate Holder: an organization that has been accredited or certified by ASME and is in possession of an ASME Certificate of Authorization.

Certified Individual: an individual employee of the Certificate Holder who is authorized by ASME under a Certificate of Authorization to apply the ASME Certification Mark on items that are in compliance with the governing standard, and who may serve as the Certificate Holder's authorized representative responsible for signing data reports or certificates of conformance.

Enforcement Authority: a government entity that enforces regulations or laws and that formally recognizes an ASME code or standard as a means of compliance with those regulations or laws.

evaluation: an assessment performed to determine the capabilities of an organization to meet the requirements

of the governing standard. The governing standard identifies the type of evaluation to be performed, i.e., audit, interview, review, survey.

governing standard: the code or standard that establishes the technical conformance requirements for the product and/or service to be certified.

organization: a legal entity that holds, or has applied for, ASME accreditation or certification.

Qualified Inspection Organization: an organization accredited by ASME in accordance with ASME QAI-1 that provides designated oversight through the use of Qualified Inspectors (QIs).

quality management system: an all-inclusive term that covers quality assurance, quality control, quality system, or quality program, depending on the requirements of the governing standard.

review: evaluation of a manufacturer's quality control system, including a demonstration of compliance with Sections of the ASME Boiler and Pressure Vessel Code covered by the scope of the Certificate(s) being applied for, including, as applicable, design, material, fabrication, examination, testing, inspection, and certification. This term is not applicable to certification programs addressed under Section III of the ASME Boiler and Pressure Vessel Code.

survey: documented evaluation of an organization's capability to provide an item in conformance with the governing standard as verified by a determination of the adequacy of the organization's quality management system and by review of the implementation of that quality management system at the location of the work.

Team Leader: an ASME Designee who is also a member of the team, who has complete responsibility for the conduct of the audit, interview, investigation, review, or survey.

2 CERTIFICATION PROCESS

2.1 Application

2.1.1 Any organization desiring a Certificate of Authorization shall apply to ASME. The application and related contract, forms, and information may be obtained from the ASME Conformity Assessment department (www.asme.org).

