

Conformity Assessment Requirements

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**The American Society of
Mechanical Engineers**



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ASME CA-1-2013

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Mechanical Engineers**

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Date of Issuance: June 21, 2013

The next edition of this Standard is scheduled for publication in 2015. This Standard will become effective 1 year after the Date of Issuance.

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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 2013 edition of ASME CA-1 is intended to replace the ASME conformity assessment requirements contained in Sections I; IV; VIII, Divisions 1, 2, and 3; X; and XII of the ASME Boiler and Pressure Vessel Code. It is expected that the conformity assessment requirements will be deleted from those Sections and that a reference to this Standard will be added.

Future editions will address the ASME conformity assessment requirements contained in Section III of the ASME Boiler and Pressure Vessel Code; ASME RTP-1, Reinforced Thermoset Plastic Corrosion-Resistant Equipment; ASME BPE, Bioprocessing Equipment, as well as any new product certification standards that are developed.

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.

Suggestions for improvement of 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 2012.)

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 authorize qualified organizations to perform various activities in accordance with the requirements of the ASME Boiler and Pressure Vessel Code. It is the aim of the Society to provide recognition of organizations so authorized. An organization holding authorization to perform various activities in accordance with the requirements of the Code may state this capability in its advertising literature.

Organizations that are authorized to use the Certification Mark for marking items or constructions that have been constructed and inspected in compliance with the ASME Boiler and Pressure Vessel Code are issued Certificates 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 the Certification Mark and/or 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 the ASME Boiler and Pressure Vessel Code,” or “meet the requirements of the ASME Boiler and Pressure Vessel Code.” 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 Code. 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. General usage is permitted only when all of the manufacturer’s items are constructed under the rules.



CONFORMITY ASSESSMENT REQUIREMENTS

1 INTRODUCTION

1.1 Scope

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

1.2 Definitions

Applicant: a company applying for ASME certification or accreditation.

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 Program 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.

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.

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.

Quality Program: the term is intended to mean quality assurance or quality control depending on the requirements of the applicable Code or Standard.

review: evaluation of a manufacturer's quality control system, including a demonstration of compliance with Code requirements covered by the scope of the Certificate(s) being applied for, including as applicable, design, material, fabrication, examination, testing, inspection, and certification.

survey: documented evaluation of an organization's ability to perform its Code activities as verified by a determination of the adequacy of the organization's Quality Program and by review of the implementation of that program at the location of the work.

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

2 CERTIFICATION PROCESS

2.1 Application

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

2.1.2 An application for each facility shall be submitted when an organization plans to fabricate products conforming to the requirements of ASME Codes and Standards, listed in Table 1-1, at more than one location.

2.1.3 The organization shall agree that each Certificate of Authorization and each ASME Certification Mark are, and remain at all times, the property of ASME, that they will be used only in accordance with the governing standard, and will be promptly returned to ASME upon request, or when the Applicant discontinues the Code or Standard activities covered by this Certificate, or when the Certificate of Authorization has expired and a new Certificate has not been issued.

2.2 Quality Program

2.2.1 Any organization holding or applying for a Certificate of Authorization shall demonstrate a Quality Program that establishes that all requirements of the governing standard will be met. The Quality Program shall be in accordance with the governing standard specified in Table 1-1. A written description of the Quality Program that identifies the documents and procedures the organization will use to produce a product that conforms to the applicable standard shall be available for review and acceptance by the Authorized Inspection Agency and the ASME Designee.

