

COMBINE AN
UPCOMING
REVIEW WITH
**AN ASME
ISO 9000**
ASSESSMENT
AND SAVE!

DETAILS INSIDE

ASME BOILER AND PRESSURE VESSEL CERTIFICATES OF AUTHORIZATION AND CODE SYMBOL STAMPS

I N F O R M A T I O N & A P P L I C A T I O N S

A S M E

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS

This document is intended to serve as a guide for new applicants for ASME accreditation. It is not intended to replace Code requirements or administrative procedures.

INTRODUCTION

ASME

The American Society of Mechanical Engineers (ASME) was organized in 1880 as an educational and technical society of mechanical engineers. At that time in American industrial history, mechanical engineering was growing in size and importance, and the number of mechanical engineers was increasing. More than one hundred years later, the Society continues to focus on mechanical engineering. Now, however, the Society has expanded far beyond the United States and North America and is designated ASME International. With a membership of 125,000 and a staff of 400 in 10 offices across the United States, ASME is a major force in the technical world.

In addition to Codes and Standards, current ASME activities include:

- (a) conducting conferences, exhibits and regular meetings of local chapters to keep practicing mechanical engineers up to date on new technology;
- (b) publishing technical journals, books, technical reports and magazines on mechanical engineering;
- (c) providing short courses on current technical developments and ASME codes and standards.
- (d) advising federal and state government on technology-related public policies.

ASME CODES & STANDARDS

ASME International is the leading developer of codes and standards associated with the art, science, and practice of mechanical engineering. There are currently nearly 600 ASME codes and standards in print. The Codes and Standards activity involves more than 4,000 individuals, mostly engineers and related scientists, but not necessarily members of the Society.

The codes and standards are used in over 90 countries throughout the world. ASME standards often become means for satisfying government regulatory and procurement requirements.

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ASME Certificate Holders can readily combine a Boiler and Pressure Vessel Shop Review with an ISO 9000 assessment. (A description of ASME's ISO 9000 Registration Program starts on page 8).

ASME BOILER & PRESSURE VESSEL CODE

ASME set up a committee in 1911 for the purpose of formulating standard rules for the construction of steam boilers and other pressure vessels. This committee is now called the Boiler and Pressure Vessel Committee and it is responsible for the development and maintenance of the ASME Boiler and Pressure Vessel Code.

The Code establishes rules of safety governing the design, fabrication, and inspection of boilers and pressure vessels, and nuclear power plant components. The objective of the rules is to assure reasonably certain protection of life and property and to provide a margin for deterioration in service.

ASME ACCREDITATION AND CODE SYMBOL STAMPS

Since 1916, ASME has accredited companies to certify that their products and services comply with ASME codes and standards. More than 4,300 companies in 60 countries are currently accredited.

ASME Code Symbol Stamps are used to indicate that stamped items conform to the latest edition of the ASME Boiler and Pressure Vessel Code. Utilization of the ASME Code Symbol Stamp is a means of complying with the laws and regulations in most of the US and Canada, as well as other

countries throughout the world. Whether or not an ASME Code Symbol Stamp is legally required, it provides users with a high degree of confidence that the stamped items conform to established safety standards. These requirements for obtaining a Certificate of Authorization are necessary to safeguard the use of the Stamps and maintain their worldwide acceptance.

The flow chart at the bottom of this page shows the typical procedure for obtaining a BPV Certificate of Authorization to use the Code Symbol Stamps.

ASME administers eight other accreditation programs, five certification programs, and an ISO 9000 Registration Program.

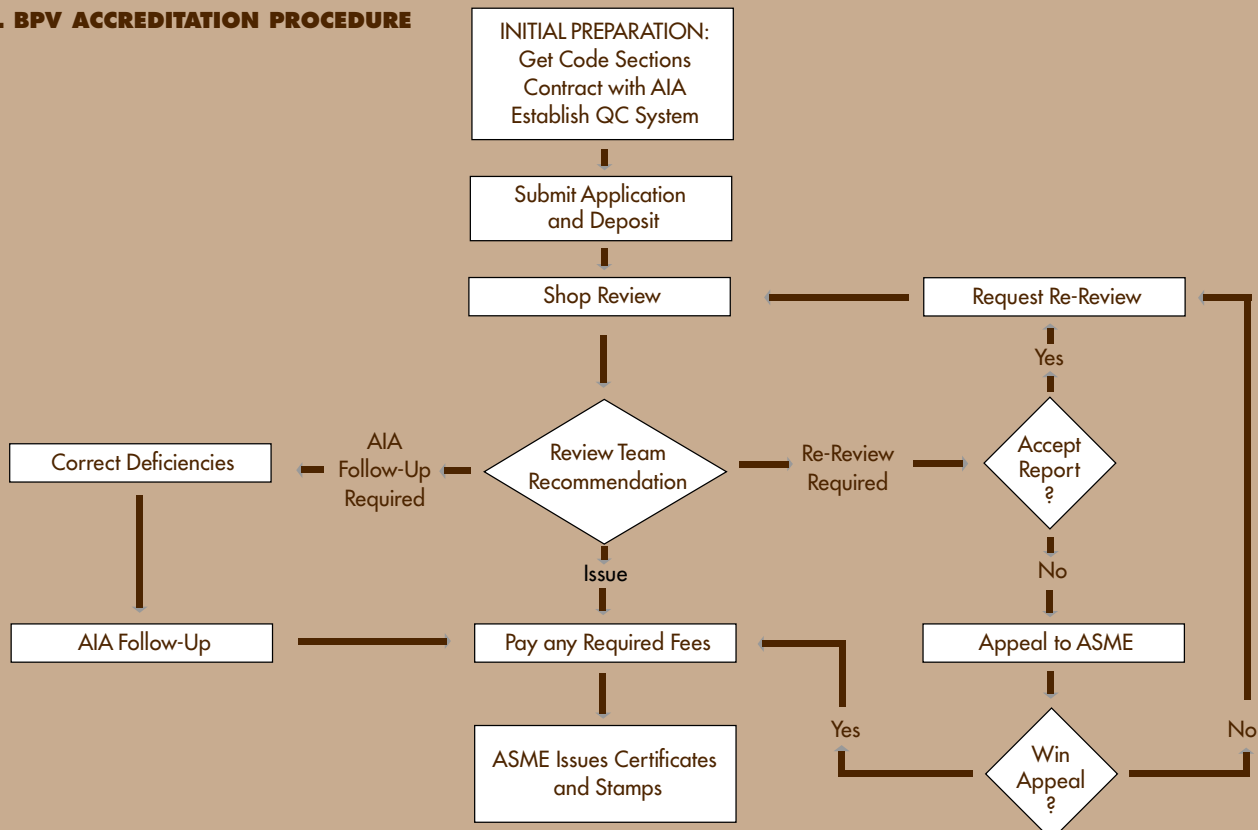
GLOSSARY

AIA - Authorized Inspection Agency

ASME Designee - an individual authorized by ASME to act on its behalf for the purpose of performing reviews, surveys, and audits of organizations holding or applying for accreditation

Authorized Inspection Agency (AIA) - the inspection organization of a state or municipality of the United States or a Canadian Province, an insurance company authorized to write boiler and pressure vessel insurance. Inspection may also be done by a

TYPICAL BPV ACCREDITATION PROCEDURE



regularly employed User's Inspector in the case of a User-Manufacturer which manufactures pressure vessels exclusively for its own use and not for resale. AIAs are accredited by ASME.

Authorized Inspector (AI)/Authorized Inspector Supervisor (AIS) - an inspector regularly employed by an ASME accredited AIA. Inspectors are qualified to the National Board Rules for Commissioned Inspectors and receive their commission from the National Board. AI/AIS must comply with the duties and qualifications contained in QAI-1.

Code - ASME Boiler and Pressure Vessel Code

Field Site - the point of final installation of a stamped item or a temporary, intermediate site required for assembly of parts to be installed at the final, permanent field location

Jurisdiction - a state or municipality of the United States or a Canadian Province which has adopted one or more sections of the ASME Boiler and Pressure Vessel Code

National Board - See National Board of Boiler and Pressure Vessel Inspectors

National Board of Boiler and Pressure Vessel Inspectors - an organization composed of Chief Inspectors of states and cities of the United States and provinces of Canada that have adopted one or more sections of the ASME Boiler and Pressure Vessel Code, one of which shall be Section I (Power Boilers). They are located at 1055 Crupper Avenue, Columbus, Ohio 43229-1183.

Shop Review - an evaluation of an applicant's quality program and its implementation conducted for the new issuance or renewal of ASME Certificates of Authorization

INITIAL PREPARATION

TYPES OF ACCREDITATION

There are 17 Symbol Stamps associated with the non-nuclear sections of the Code for which Certificates of Authorization are issued by ASME. These are listed in the Summary of Requirements table on page 4 together with the applicable sections of the Code.

Note: The "R" (repair) stamp is not covered by an ASME accreditation program. It is issued by the National Board of Boiler and Pressure Vessel Inspectors.

It is essential that applicants have a subscription to the required ASME published Code books - CD-ROM versions are not acceptable. New editions to the Code are published every three years and are issued on a subscription basis. The rules of the Code are revised annually in addenda, and become mandatory six months after publication. Interpretations are also published in supplements to the Code. Both the addenda and the interpretations are included with each subscription. The addenda and interpretations assure that you are aware of the latest requirements. Therefore, reproduced documents from any source are not acceptable for ASME accreditation.

AUTHORIZED INSPECTION AGENCY (AIA)

Applicants are required to have a contract or agreement with an accredited Authorized Inspection Agency (AIA), except applicants for H (cast iron heating boilers), HV (heating boiler safety valves), UD (pressure vessel rupture disks), UV (pressure vessel safety valves), UV3 (high pressure vessel safety valves), and V (boiler safety valves). This must be a written agreement between the manufacturer and the AIA which specifies the terms and conditions under which the inspection services are to be furnished and which states the mutual responsibilities of both parties.

A list of accredited AIAs is included with the application.

Certificate Holders must notify ASME whenever this agreement is canceled or changed to another AIA.

QUALITY CONTROL SYSTEM

Applicants are required to have and demonstrate a quality control system to establish that all Code requirements, including material, design, fabrication, examination (by the manufacturer, inspection by the AIA), pressure testing, and certification will be met.

The quality control system must be documented in a manual which supports understanding of the system. The manual and supporting procedures and records must be in English. If the manual also exists in other languages, the English-language manual governs for accreditation by ASME.

It is not necessary that the Quality Control Manual be a stand-alone document. For example, it may be part of a manual which also addresses ISO 9001 quality system elements. In such cases it may be advisable to identify those items which address ASME requirements.

Save time and money by combining an ISO 9000 assessment with a BPV Shop Review. (see page 9).



SUMMARY OF REQUIREMENTS

SYMBOL STAMP	CODE BOOKS REQUIRED			AIA REQ.	CERT. PER.	OTHER REQUIREMENTS
A Assembly, Boiler	B31.1 Section I	Section II, Part C	Section IX	Yes	3 years	
E Electric Boilers	B31.1 Section 1	Section II, Parts A, B, D		Yes	3 years	
H Cast Iron Heating Boilers	Section IV			No	1 year	Changes to QC Manual must be accepted by ASME
H Heating Boilers, Other	Section II, Parts A, B, C	Section IV Section IX		Yes	3 years	
H Heating Boilers, Field Assembly	Section IV Section IX			Yes	3 years	
LW Lined Potable Water Heaters	Section II, Parts A, B, C	Section IV Section IX		Yes	3 years	
HV Heating Boiler Safety Valves ¹	Section II, Parts A, B, C	Section IV Section IX	PTC 25	No	3 years	Capacity certification test required
M Miniature Boilers	B31.1 Section I	Section II Parts A, B, C, D	Section IX	Yes	3 years	
QP Pressure Piping	B31.1 Section I	Section II Parts A, B, C, D	Section V Section IX	Yes	3 years	
RP Reinforced Plastic Vessels	Section X			Yes	3 years	
S Power Boilers	B31.1 Section I	Section II Parts A, B, C, D	Section V Section IX	Yes	3 years	
U Pressure Vessels, Div. 1	Section II, Parts A, B, C, D	Section V Section VIII, Div. 1	Section IX	Yes	3 years	
U2 Pressure Vessels, Div. 2	Section II, Parts A, B, C, D	Section V Section VIII, Div. 2	Section IX	Yes	3 years	
U3 High Pressure Vessels, Div. 3	Section II, Parts A, B, C, D	Section V Section VIII, Div. 3	Section IX	Yes	3 years	
UD Pressure Vessel Ruptured Disks ²	Section II, Parts A, B, C, D	Section VIII, Div. 1	Section IX PTC 25	No	3 years	Capacity certification test required
UM Miniature Vessels	Section II, Parts A, B, C, D	Section V Section VIII, Div. 1	Section IX	Yes	1 year	Must hold valid U or S Certificate
UV Pressure Vessel Safety Valves ²	Section II, Parts A, B, C, D	Section VIII, Div. 1 or Div. 2	Section IX PTC 25	No	3 years	Capacity certification test required
UV3 High Pres. Vessel Safety Valves ²	Section II, Parts A, B, C, D	Section VIII, Div. 3	Section IX PTC 25	No	3 years	Capacity certification test required
V Boiler Safety Valves ²	Section I	Section II Parts A, B, C, D	Section IX PTC 25	No	3 years	Capacity certification test required

¹Section IX and Section II, Part C are not required for manufacturers if welding and brazing is not within the scope of their work.

²Section II not required for assemblers. Section IX and Section II, Part C are not required for manufacturers if welding and brazing is not within their scope of work.

APPLICATIONS AND FEES

APPLICATION

Any organization desiring a Certificate of Authorization must apply on forms issued by ASME. Application should be made 3-5 months in advance of the requested shop review date.

A deposit must accompany the application. The required deposit includes the Certificate and Stamp fees and, where required, the deposit for the Shop Review.

ASME Staff reviews each submitted application for completeness and begins the scheduling of the shop review, or notifies the organization responsible for scheduling the review.

ASME Staff will also request the applicant's AIA to advise us whether or not an agreement has been signed to provide inspection service and the date of such an agreement.

Organizations can also apply for ISO 9000 Registration through ASME at the same time by completing the ASME ISO 9000 application.

CERTIFICATES AND STAMP FEES

The fee for an H (Cast Iron) or UM Certificate is \$550 (renewed annually). The fee for all other Certificates is \$1650 (renewed every three years)

The fees for the initial issuance of each Code Symbol Stamp is \$165.

Certificate and Stamp fees must be paid as part of the deposit included with the application.

SHOP REVIEW DEPOSIT AND FEES

Fees for reviews conducted by ASME are based on the time spent on the Shop Review and travel, plus actual expenses.

A review deposit is required where ASME conducts the shop review. This includes:

- (a) all reviews conducted outside of the United States (except UD, UV, UV3, V, and HV Certificates);
- (b) all reviews in the US where there is no Jurisdiction, i.e. Alabama, South Carolina, Puerto Rico, and the Virgin Islands (except UD, UV, UV3, V, and HV Certificates);
- (c) all reviews where the jurisdiction is the AIA;
- (d) all H (Cast Iron) reviews.

If the Jurisdiction or the National Board is to conduct the review on behalf of ASME (see Shop Review Team Section), they will notify you of their required deposit.

INVOICES

For reviews conducted by ASME, we will invoice applicant for the balance of any fees and expenses, or provide a refund for overpayment.

Certificates and stamps will not be issued until all fees have been paid.

SHOP REVIEW

GENERAL

The shop review will consist of an on-site evaluation of the applicant's Quality Control (QC) Manual and the implementation of the QC system.

- (a) Prior to the shop review, applicants will be requested to fill out a checklist, indicating the appropriate QC Manual references.
- (b) A shop review will normally take two days.
- (c) Applicants will be given the opportunity to correct deficiencies during the review.
- (d) A demonstration or implementation of the QC system during the review should include the administrative functions to support the QC system and the manufacturing, fabrication and testing, of products necessary to indicate knowledge of code requirements and ability to produce the components/parts covered by the scope of the system.
- (e) The demonstration may be conducted on in-process work, a mock-up to current Code rules, or combination thereof, and a review of past job documentation. Where Code work is in progress, the demonstration must include the administrative and construction functions for the products and orders which are being processed to meet Code requirements.
- (f) For companies that have also applied for ISO 9000 Registration through ASME, the ISO 9000 assessment will be conducted concurrently.

SHOP REVIEW TEAM

The shop review will be conducted by the Jurisdiction (US and Canada) and the AIA, except as noted below.

- (a) The Jurisdiction may designate ASME or the National Board of Boiler and Pressure Vessel Inspectors to act on its behalf.

Submit only one deposit for a combined BPV Shop Review and ISO 9000 assessment.



- (b) In all countries except the US and Canada, and other areas where there is no Jurisdiction (Alabama, South Carolina, Puerto Rico, and the Virgin Islands), the review will be conducted by ASME and the AIA.
- (c) Where the Jurisdiction is the AIA, the review will be conducted by ASME and the Jurisdiction.
- (d) Reviews for all H (Cast Iron) Certificates are performed by an ASME Designee appointed by ASME. There is no AIA.
- (e) Review for all V, UD, UV, UV3 and HV Certificates are performed by an ASME Designee appointed by the National Board. There is no AIA.
- (f) For manufacturer of multiple pressure vessels and boilers - those built to the requirements of Section VIII under the provisions of UG-90(c)(2) or Section IV under HG-515.4(b) - a representative of ASME or the National Board will be part of the review team.
- (g) For companies that have also applied for ISO 9000 Registration through ASME, the portions of the review which relate to ISO 9001 or ISO 9002 requirements will be conducted by Certified ISO 9000 lead auditors and auditors.

If the review is to be conducted by the Jurisdiction or the National Board, they will contact the applicant directly regarding the scheduling of your review. Otherwise, the applicant will be contacted by ASME.

CONDUCT OF SHOP REVIEW

The Shop Review will consist of the following primary activities:

- (a) *Manual Review.* The Team will review the QC Manual as a Team, agree on deficiencies, and identify applicable Code references to support requested revisions.
- (b) *Opening Meeting.* The Team Members will introduce themselves, discuss their affiliations and outline the review sequence. At the close of the meeting, a shop tour will be requested to allow all Team Members an overview of plant layout and products and to get a better understanding of Manual descriptions.
- (c) *Report of Manual Review.* Any QC Manual deficiencies will be presented and agreement of required changes will be discussed with the applicant. Additional revisions may be necessary, based on the implementation review.

The applicant will be encouraged to complete any Manual revisions during the review so that the revised Manual can be reviewed and accepted prior to the exit meeting and the Team's departure.

- (d) *Implementation.* The Team will review the applicant's demonstration for implementation of the QC System to assess the applicant's knowledge and ability to produce Code items covered within the scope of their Certificate(s). Evidence will be examined to the extent necessary to determine if all applicable requirements are met. Any deficiencies identified in implementation of the applicant's quality control system or in Code compliance will be brought to the attention of the applicant. The applicant will be provided the opportunity to resolve identified deficiencies prior to the conclusion of the review.
- (e) *Executive Session of Team.* The Team will meet in private to review and document any deficiencies and to formulate a recommendation relative to the issuance of Certificate(s) of Authorization.
- (f) *Exit Meeting with Applicant.* The Team Leader will report to the applicant the deficiencies, if any, and the proposed recommendation as agreed upon by the Team during its executive session. Note that this is only the Team's recommendation and it is subject to acceptance or modification by ASME.

ADDITIONAL REQUIREMENTS FOR SAFETY VALVE AND RUPTURE DISK CERTIFICATES

For new issuances of UD, UV, UV3, V, and HV Safety Valve Certificates, the applicant must have the capacity certification tests within 90 days of the review. If the tests are not successfully completed within six months of the date of the review, a new review must be conducted. A list of testing laboratories accepted by ASME accompanies the application.

ISSUANCE OF CERTIFICATE OF AUTHORIZATION

REPORT AND RECOMMENDATION

The review team will issue a report with one of the following recommendations:

- (a) issue Certificate;
- (b) rereview required; or

Eliminate conflicting interpretations of quality system requirements by choosing ASME as your ISO 9000 Registrar.



(c) deficiency(ies) requiring follow-up by the AIA within 30 days. If the AIA does not accept the corrective action that the applicant takes, a rereview will be required.

For companies that have also applied for ISO 9000 Registration through ASME, a separate ISO 9000 report will be issued. Recommendations relative to ISO 9000 Registration will have no effect on the issuance of Certificates of Authorization.

RECONSIDERATION OF RECOMMENDATION

If the recommendation is for a rereview, ASME will provide the applicant with an explanation of the deficiencies. The applicant may request that ASME reconsider this decision.

ISSUANCE

If the review team recommends issuance of a Certificate and the recommendation is accepted by ASME, it will be issued as soon as all required fees are paid.

H (Cast Iron) and UM Certificates are valid for one year. All other Certificates are valid for three years.

POST ACCREDITATION ACTIVITIES

CHANGE TO SCOPE

Requests for changes to Scopes must be approved by ASME and may require a Shop Review. The following changes may be made without a Review, provided that they are accepted by the Review Team that conducted the last review:

- (a) the addition of “field activities controlled by this location” to a current Certificate covering “shop only;”
- (b) issuance of “A” and “PP” Certificates to holders of “S” Certificates;
- (c) issuance of “UM” Certificates to holders of “S” or “U” Certificates.

CHANGES TO QC MANUAL

Changes to QC Manuals must be accepted prior to implementation by the following organization:

- (a) H (Cast Iron) - ASME;
- (b) UD, UV, UV3, V, and HV - National Board;
- (c) UG-90(c)(2) and HG-515.4(b) Certificates - representatives of all parties involved in the original review;

(d) all others - Certificate Holder’s AIA.

CHANGE OF COMPANY OWNERSHIP AND/OR COMPANY NAME

If the name of the company on the Certificate has changed and there is no change to the internal company reorganization which affects the QC system, the Certificate Holder must notify ASME and provide supporting documentation (a letter from the AIA is sufficient). The Certificate Holder must accept responsibility for all items previously manufactured under that certificate. A new Certificate will be issued upon payment of an administrative fee.

CHANGE OF ADDRESS OR RELOCATION

Where the change of address only involves a postal redesignation of building number and/or street name, the Certificate Holder must notify ASME and provide supporting documentation (a letter from the AIA is sufficient).


Where a Certificate Holder relocates to a different facility, a Shop Review must be conducted at the new location. The ASME Code Symbol Stamp may not be applied to any new work started at the new location until a new Certificate is issued. The Certificate Holder may complete those products which are in the manufacturing process at the currently authorized facility at the time of the move provided that:

- (a) the AIA has reviewed and approved a written plan for transition and control of the Code work;
- (b) arrangements have been made and a date established for the required review;
- (c) the date of the review is not more than 30 days from the start of the work at the new location;
- (d) a signed statement is received by ASME from the AIA attesting to compliance by the Certificate Holder with items (a) through (c) above prior to stamping any products.

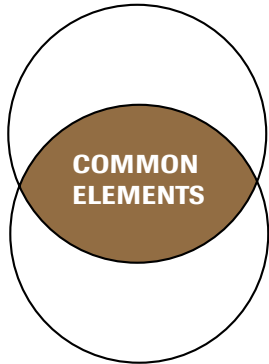
RENEWAL OF ACCREDITATION

Renewal notices will be sent to Certificate Holders six to eight months prior to the expiration date of the Certificate.

Actions relative to ASME ISO 9000 Registration do not affect the issuance of Certificates of Authorization.



**ASME
CODES &
STANDARDS**



**ISO 9000
STANDARDS**

COMBINED PROGRAMS

You can save time and money by combining ISO 9000 Registration with one of ASME’s accreditation programs. Since 1969, ASME has utilized quality system audits as a means of verifying that suppliers have the capability to certify that their products or services conform to ASME codes and standards.

If you are accredited by ASME under one of these programs, or are applying for accreditation, you may be able to coordinate the assessments and surveillances. You can either request an early renewal of your accreditation, or apply for ISO 9000 Registration at the time of your next scheduled renewal.

By arranging the concurrent performance of these activities you ...

- save time
- save money
- ensure consistency between the two evaluations

Please note that the extent of coordination varies with the specific ASME accreditation program.

CURRENT ASME ACCREDITATION PROGRAMS

AIA	Authorized inspection agencies
BPV	Boiler and pressure vessels
FAP	Fastener manufacturers and distributors
N-type	Nuclear components
QEI	Elevator inspector certifying organization
QSC	Nuclear materials
RTP	Reinforced thermoset plastic corrosion resistant vessel fabricators

ACHIEVING ISO 9000 REGISTRATION

THE ASME ADVANTAGE

When you select ASME as your registrar, you amplify all the benefits of ISO 9000 registration. You add the credibility of a quality assurance provider with more than 80 years of experience and more than 4,300 client companies in 60 countries. You add the prestige of a world leader in codes, standards, accreditation, registration, and certification.

Remember ASME’s business *is* mechanical engineering. We know machinery and mechanical equipment inside-out. Our auditors have the technical expertise you are looking for, and they understand your business and its unique products and services.

Choose ASME – the specialist in the mechanical engineering field.

ASME’S ISO 9000 REGISTRATION PROGRAM

Governed by: ■ ASME Council on Codes & Standards

Industrial sectors covered: ■ Basic metals
 ■ Fabricated metal products
 ■ Industrial and commercial machinery and equipment
 ■ Reinforced thermoset plastic tanks and vessels
 ■ Engineering Services

Accredited by:..... ■ American National Accreditation Program for Registrars of Quality Systems (ANSI-RAB)
 ■ Dutch Council for Accreditation (RvA)

PREPARATION

Thanks to the growing popularity of ISO 9000, you have an increasing selection of publications, seminars, consultants, and other sources for guidance in developing and implementing a quality system. You can also consult the current ISO 9000 Standards listed below and, in the near future,

obtain additional guidance from standards now in development.

You cannot, however, obtain consulting services from registrars - including ASME - because the governing international standards prohibit them from engaging in activities posing a potential conflict of interest.

ISO 9000 FAMILY OF STANDARDS

ISO 8402	Quality-Vocabulary	ISO 9004	Quality management and quality system elements
ISO 9000	Quality management and quality assurance standards	Part 1	Guidelines
Part 1	Guidelines for selection and use	Part 2	Guidelines for services
Part 2	Generic guidelines for the application of ISO 9001, ISO 9002, and ISO 9003	Part 3	Guidelines for processed materials
Part 3	Guidelines for the application of ISO 9001 to the development, supply and maintenance of software	Part 4	Guidelines for quality improvement
Part 4	Application for dependability management	ISO 10005	Quality management - Guidelines for quality plans
ISO 9001	Quality systems - Model for quality assurance in design, development, production, installation and servicing.	ISO 10007	Quality management - Guidelines for configuration management
ISO 9002	Quality systems - Model for quality assurance in production, installation and servicing.	ISO 10011	Guidelines for auditing quality systems
ISO 9003	Quality systems - Model for quality assurance in final inspection and test	Part 1	Auditing
		Part 2	Qualification criteria for quality system auditors
		Part 3	Management of audit programs
		ISO 10012	Quality assurance requirements for measuring equipment
		Part 1	Management of measuring equipment
		ISO 10013	Guidelines for developing quality manuals
		ISO 9000 for Small Businesses	Guidelines for implementing a quality system in a small business

PRE-ASSESSMENT

To prepare for ISO 9000 Registration, you have the option of arranging a meeting with an ASME auditor at your facility.

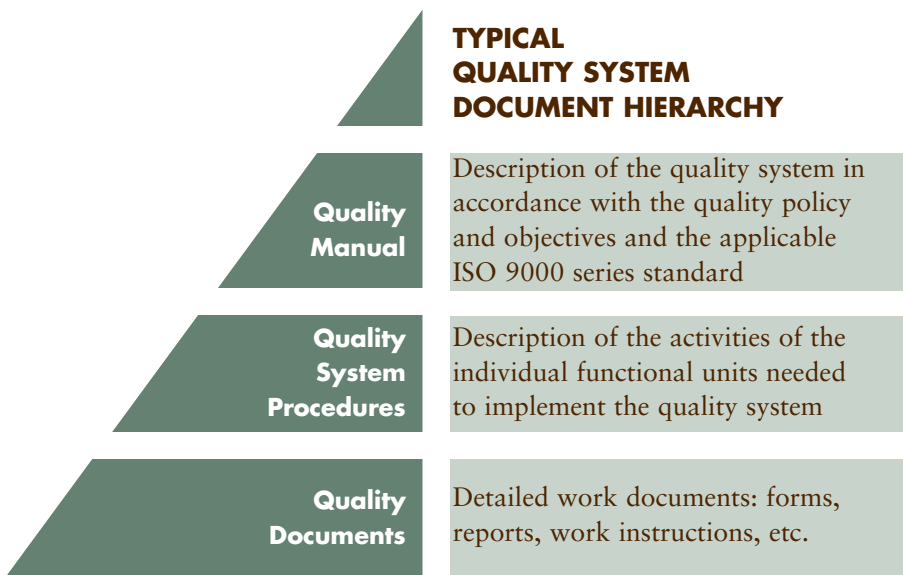
size and type of expertise needed by the assessment team. Later, you receive a report that examines your readiness for assessment.

At this meeting, you obtain specific information on the assessment process and supply the ASME auditor with the operational details to determine the

You can expect your pre-assessment to last two days and to be performed by the certified ASME auditor who will later become the lead auditor for your assessment.

ISO 9001 QUALITY SYSTEMS ELEMENTS

- Management Responsibility
- Quality System
- Contract Review
- Design Control
- Document and Data Control
- Purchasing
- Control of Customer-Supplied Product
- Product Identification and Traceability
- Process Control
- Inspection and Testing
- Control of Inspection, Measuring, and Test Equipment
- Inspection and Test Status
- Control of Non-Conforming Product
- Corrective and Preventive Action
- Handling, Storage, Packaging, Preservation, and Delivery
- Control of Quality Records
- Internal Quality Audits
- Training
- Servicing
- Statistical Techniques



DOCUMENT REVIEW

Before your assessment, you submit your quality manual to the ASME audit team who will recommend any changes that may be necessary before assessment.

On the first day of assessment, you can expect the ASME audit team to review any changes in your quality manual and to examine your quality-system procedures that implement the objectives of the manual.

ASSESSMENT

At an opening meeting with ASME’s team of experienced auditors, you receive an overview of the assessment process.

During the next few days, a variety of your employees are interviewed by the auditors. Through these discussions, the auditors’ examination of records, and their observation of activities, your company demonstrates conformance with

your quality system documentation. At the end of each day, you meet with the ASME auditors for an update on the progress of the assessment.

At the meeting that concludes the assessment, you receive a verbal report of the ASME team’s recommendations and any necessary requests for corrective action. A short time later, you receive a written report.

Typical Audit Team Size and Duration Assessment

Surveillance (Annual)

	Auditors	Days On Site	Auditors	Days On Site
1-4	1	1.00	1	0.50
5-9	1	1.50	1	0.50
10-19	1	2.00	1	1.00
20-29	1	2.50	1	1.00
30-59	2	2.25	1	1.00
60-99	2	2.50	1	1.50
100-249	2	3.00	1	2.00
250-499	2	3.50	1	2.00
500-999	3	3.00	1	3.00
1000-1999	3	4.00	2	2.00
2000-3999	3	4.75	2	2.50
4000-7999	4	4.50	2	2.50

REGISTRATION

The ASME audit team's report which you receive is also submitted to the Committee on ISO 9000 Registration, a balanced group of volunteers from industry and government with extensive experience in quality assurance and ISO 9000.

You can expect the committee to take one of four actions...

- grant registration
- grant registration subject to acceptance of corrective action by the lead auditor, who will verify the implementation at the next surveillance
- grant registration subject to acceptance and immediate verification of corrective action by the lead auditor
- require full reassessment

If you disagree with the registration committee's decision, you have two levels of appeal within the ASME Codes and Standards organization.

Whatever the committee's action, you can be assured that all staff, auditors, committee members, and others involved in the registration program will adhere to the ASME policy on confidentiality and conflict of interest, as well as to the Code of Ethics of Engineers.

SURVEILLANCE

After you are granted registration, you receive an annual surveillance to assure the maintenance of your quality system.

Renewal assessment for your registration will be conducted every three years.

To announce your ISO 9000 registration status, you may use the ANSI-RAB and RvA marks together with the ASME 9000 mark.



DUTCH COUNCIL
FOR
ACCREDITATION

ASME CONFORMITY ASSESSMENT PROGRAMS

ACCREDITATION PROGRAMS

- AIA** Qualification of Authorized Inspection Agencies, nuclear and non-nuclear, based on the ASME QAI-1 Standard (formerly N626.1)
- FAP** Fastener manufacturers, distributors, and laboratories
- N-type** Nuclear component manufacturers and assemblers (vessels, tanks, pressure piping, and pressure relief devices)
- PRD** Pressure relief device testing laboratories and authorized observers
- QEI** Elevator Inspector certifying organizations
- QSC** Nuclear material organization (material manufacturers and suppliers)
- RTP** Manufacturers of reinforced thermoset plastic corrosion resistant vessels

CERTIFICATION OF PERSONNEL

- QHO** Operators of hazardous waste incinerators
- QMO** Operators of medical waste incinerators (MWIs)
- QRO** Operators of resource recovery facilities processing municipal solid waste (MWCs)
- QFO** Operators of high capacity fossil fuel fired plants
- Y14** Geometric dimensioning and tolerancing professionals (GDTP)

Q U E S T I O N S ?

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