

How to Get Certified by ASME / NB

APPLICATION:

1. The "Applicant (Manufacturer)" creates an account on online portal "CA Connect" using their credentials such as email, company name, address, contact details etc. Web Link for CA connect is as follows : <https://caconnect.asme.org/>
2. Signing of an Inspection Service Agreement (ISA) between the AIA (TÜV NORD Systems GmbH & Co. KG) and the "Applicant".
3. Submit online application through CA Connect Portal at preferably six months prior to intend Dates of Joint Review.
4. Following information are required to complete the application,
 - Scope of Certification along with applicable designator (e.g. U, U2, S etc.)
 - Inspection Service Agreement with AIA i.e. TÜV NORD Systems GmbH & Co. KG (ISA must be in force at the time of application)
 - Intended Dates of Audit (JR) [After consultation with AIA]
 - Not available dates for Joint Review (Like national holidays, weekly off etc.)
 - Banking details of applicant
 - General arrangements (Hotel, Airport information, Transportation arrangement details)
5. Signed Accreditation and Certification Agreement Form (part of application) to be uploaded in ca connect portal.
6. After successful submission of application, a Proforma invoice will be generated on portal and same can be downloaded from ca Connect portal.
7. Applicant remits certification fees to ASME account in line with Proforma invoice.
8. ASME notifies the AIA contracted to confirm to ASME that an Inspection Service Agreement has been signed with the "Applicant".
9. Procurement of ASME Code Books, as required per type of certification applied for, with ASME / NB directly, online portals like IHS Markit, Tech street or authorized resellers in your country.

For e.g. For Pressure Vessel U, U2, U3 designators click on the link below:
<https://www.asme.org/certification-accreditation/asmecertificationprocess/required-code-books#pressurev>

ASME notifies the AIA contracted to confirm to ASME that an Inspection Service Agreement has been signed with the "Applicant". Refer Page 2 of 2 for details of Price guide for Certification Program.

ASME will only start processing the application once all fees have been paid and

a signed Inspection Service Agreement with an AIA is available.

APPLICATION FOR NATIONAL BOARD ACCREDITATION:

1. If an additional accreditation as a repair organization is requested (“R”, “VR” or “NR” certification) in line with the National Board Inspection Code. Please refer the National Board website: www.nationalboard.org
2. A separate application has to be sent to the “National Board of Boiler and Pressure Vessel Inspectors” (NB). This application form is available at ([FORM NB-12](#)).
3. Please see notice for combined ASME and NB Review ([NOTICE CONCERNING NATIONAL BOARD R STAMP](#)).
4. Completed copy of application shall be submitted to NB on following mailID repairstamp@nationalboard.org

JOINT REVIEW (AUDIT)

- The Joint Review will consist of an on-site evaluation of the Applicant's Quality Control System (QCS) encompassing both a review of the Applicant's written description (QC Manual) and a demonstration of implementation of the program.
- The purpose of the Review Demonstration is to evaluate the physical implementation of the Applicant’s QCS on a real or “mock-up” pressure retaining item.
- Scheduling of the Joint Review by ASME / NB; Usually ASME gives a date, 3-4 months after payment of full fees.
- Following are the stages for preparation for the Joint Review:
 - Preparation of the QC-Manual
 - Preparation of a representative component or component part as demonstration item
 - Preparation and qualification of Welding Procedure Specification (WPS), Procedure Qualification Record (PQR), Welding personnel (WPQ / WOPQ)
 - Preparation of the drawing and the design calculation
 - Preparation of work procedures (e.g. for the hydrostatic test, heat treatment, handling of welding filler material, calibration, NDE)
 - Material purchasing
 - Qualification of NDE personnel
 - Demonstration (qualification) of NDE procedures to the AI (Authorized

- Inspector)
 - Preparation of Traveler (Fabrication / Testing / Inspection Sequence Plan)
 - Carrying out examination and inspection as per traveler till identified stages
 - Preparation of the draft Manufacturers Data Report (MDR)
- Implementation of the above-mentioned quality program by the "Applicant"
- Pre-Joint Review to verify the implementation of the quality program performed by the AI and the AIS approx. 2 to 3 weeks before the Joint Review.
- The ASME / NB Joint Review is performed by the Audit Team (consisting of ASME / NB & AIA: ASME / NB Team Leader, Authorized Inspector Supervisor, Authorized Inspector).
- The ASME / NB Joint Review is a two-day audit at the manufacturer's shop during which the audit team checks the quality control system and its implementation for compliance with the ASME Code. Joint Review Consist following stages:
 - Review of Quality Control Manual
 - Opening Meeting / Shop Tour
 - Implementation Review
 - Team Meeting (Closed)
 - Exit Meeting
- After the Audit the ASME / NB Team Leader forwards the audit report to the ASME / NB Committee which finally decides on issuing the Certification.

ASME / NB CERTIFICATE

- The Certificate of Authorization is being issued by ASME / NB after a successful audit and the ASME / NB Conformity Assessment Committee's final decision.
- The Committee reviews the audit report and decides about the issuance of the Certificate to the Applicant.
- The Certificate, along with the ASME / NB "R Stamp" Certification Mark (hard stamp), is provided by ASME / NB after 4 to 6 weeks by mail.

CERTIFICATE OF AUTHORIZATION (NB REGISTRATION)

- Upon receipt of valid ASME certificate, the "Applicant" applies to the National Board for the "Certificate of Authorization for Registration" and the NB-Stamp.
- This certificate is required to register with the National Board, components built and stamped in compliance with the ASME Code. The registration fee depends on the size of each item. (Online Application) Link:
<https://www.nationalboard.org/AppAuthtoReg2.aspx>
- Applicant needs to upload copy of Current & valid ASME Certificate(s) of Authorization, QC Manual Cover Page & Last page of Examination & Inspection


Section of Manual to NB. (For authorization to register for submission of MDR to NB & stamping NB no. on the nameplate)

- In case of any queries contact:-Email : authdept@nationalboard.org
- Upon completing online application, 2-3 weeks, applicant will receive "Certificate of Authorization for Registration" and the NB stamp.

NOTES:

- ASME Certification needs to be renewed **every 3 years.**
- The ASME Code Books shall be purchased **every 2 years.**
- Prices are based on USD and are subject to change. If you have any questions, please contact the ASME Conformity Assessment Department at ca@asme.org.
- Cancellation of survey dates and withdrawal of applications is subject to a monetary penalty.
- Advance deposits do not cover certificate fees.
- *The Certification Mark fees only applies to new Certificate Holders or Certificate Holders who would like additional marks.



Sr. No.	Description	Fees	Remarks
1.	Certificate of Authorization (For NB registration)	Free of charge	Authorizes the Certificate Holder to Register his products with National Board.
2.	National Board Stamp 	Free of charge	Required for NB Registration of Pressure Equipment