

Procedure to obtain an ASME Certificate of Authorization and the ASME Certification Mark



1. The "Applicant" (Manufacturer) contacts the ASME Accredited Authorized Inspection Agency TÜV NORD Systems GmbH & Co. KG (AIA):

Competence Center ASME
TÜV NORD Systems GmbH & Co. KG

Langemarckstrasse 20
45141 Essen, Germany
Tel. +49 201 825 2745

Fax +49 201 825 2880
E-mail asmeservice@tuev-nord.de
Web: www.tuev-nord.de/ASME

AIA appoints Authorized Inspector (AI/ANI). AI identifies together with Applicant the most suitable type and scope of certification to satisfy Applicant's needs. AI assists to manufacturer in all aspects of certification process and provides all certification fees information.

**AI – Authorized inspector
ANI – Authorized nuclear inspector

2. Signing of an Inspection Service Agreement between the AIA and the "Applicant".
3. The "Applicant" creates an account on "CA Connect" and prepares on CA Connect application for certification, selects type and scope of certification and contracted AIA.

<https://login.asme.org/caconnect/home.cfm>

AI assists in preparation of application step by step.

We highly recommend to apply 6 months ahead the required ASME Joint Review.

If an additional accreditation as a repair organization is requested ("R", "VR" or "NR" certification) in line with the National Board Inspection Code, this needs to be entered in the application form. A separate application has to be sent to the "National Board of Boiler and Pressure Vessel Inspectors" (NB). This application form is available on the National Board website:

www.nationalboard.org

4. Signed Accreditation and Certification Agreement Form (part of application) to be uploaded to the created account at CA Connect.
5. "Applicant" remits certification fees to ASME account.

Pro-forma invoice can be downloaded from CA Connect after submission of application for certification or from ca@asme.org upon request. ASME will only start processing the application once all fees have been paid and a signed Service Agreement with an AIA is available

6. Procurement of ASME Code Books, as required per type of certification applied for.

Assigned AI/ANI assists to Applicant to specify ASME Code Books required. ASME Code is published biannually in Editions and can be obtained in printed or electronic version. Consult with your AI the cost effective version of ASME Code books.

7. ASME notifies the AIA contracted to confirm to ASME that an Inspection Service Agreement has been signed with the "Applicant".

8. The AI/ANI together with "Applicant" establishes a Time Schedule for all actions to be taken to prepare the Joint Review.

9. Scheduling of the Joint Review date with ASME.

Preparation of the Joint Review, e.g.:

- Preparation of the Quality Manual
- Preparation of a representative component or component part as demonstration item
- Preparation of the drawings, design calculations, design specifications
- Preparation of the Welding Procedure Specification (WPS),
- Procedure Qualification Record (PQR), Welding personnel Qualification (WPQ / WOPQ)
- Preparation of work procedures (e.g. for the hydrostatic test, heat treatment, handling of welding filler material, calibration, NDE)
- Qualification of NDE personnel
- Demonstration of NDE procedures to the AI
- Material purchasing
- Preparation of Traveller
- Preparation of the Manufacturer's Data Report

10. Implementation of the above-mentioned quality control program by the "Applicant"

11. The Pre-Joint Review performed by the AIA (represented by AI, AIS) serves to review the Quality Control System and its implementation. It takes place 3 to 4 weeks before the ASME Joint Review, using the demo item.

Pre joint review is highly beneficial to reveal any potential nonconformity as it allows the applicant to carry out the necessary corrective action.

12. The ASME Joint Review is performed by the Audit Team (consisting of ASME & AIA: ASME Team Leader, Authorized Inspector Supervisor, Authorized Inspector).

The ASME 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. After the Audit the ASME Team Leader forwards the audit report to the ASME Committee which finally decides on issuing the Certification.

13. Following a positive ASME Committee decision, the applicant will receive the Certificate of Authorization and the ASME Certification Mark after about 4 to 6 weeks.

Once the ASME Certificate of Authorization has been issued the manufacturer is entitled to stamp and deliver ASME Code

compliant items. The ASME Certificate is valid for a period of maximum three years and needs to be renewed in time to ensure that the ASME Certification is maintained without any interruption.

14. The "Applicant" applies to the National Board for the "Certificate of Authorization for Registration" and the NB-Stamp.

This certificate is required to register components built and stamped in compliance with the ASME Code. The registration fee is depending on the size of each item.

15. Receipt of the "Certificate of Authorization for Registration" and the NB stamp.

16. Fees:

US \$	11 000	Advance payment for Joint Review	ASME
US \$	approx.. 5 400	ASME Code books	ASME
US \$	3 660	per ASME certificate ("H" or "UM":1220 US \$ and PRT: 2590 US \$)	ASME
US \$	365	per ASME Certification Mark, plus applicable tax and shipping	ASME
US \$	Free of charge	for Certificate of Authorization for Registration and NB-stamp	NB
US \$	cca 500	for NB Review (when the Review is conducted in conjunction with an ASME Joint Review)	NB
US \$	630	NB Certificate fee ("R"-stamp or "VR"-stamp or "NR"-stamp)	NB
US \$	60	per NB stamp ("R"-stamp or "NR"-stamp)	NB
US \$	310	National Board Inspection Code (NBIC) ANSI/NB-23 (electronic version/print version)	NB

Actual ASME/NB fees to be verified with your AI.

Price for Code books is related to scope of certification and version of the Code Books (printed or on line).

The electronic version of ASME Code books shall be obtained only at the authorized resellers. List of the Authorized resellers is available at:

<https://www.asme.org/codes-standards/find-codes-standards/authorized-resellers-and-electronic-version-licens>

Contact:

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