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ASME Code Services

In order to ensure safety, quality, and operational efficiency of pressure equipment, regulations and codes have been developed, some of which require independent inspection and certification to achieve compliance. The ASME Boiler and Pressure Vessel Code is a worldwide recognized and accepted standard for pressure bearing equipment like Power Boilers, Pressure Vessels, Piping and supporting components. It is the leading Code for new construction activities for the Oil and Gas Industry as well as for Power Plant projects. As and ASME-accredited Authorized Inspection Agency (AIA), Velosi Certification Services LLC (an Applus+ Group company) offers you a wide service portfolio which covers all ASME Code related supporting activities like inspections, certifications, design review, and appraisal, as well as tailored training and consultancy services. Our ASME Code Services include certification with the National Board of Boiler and Pressure Vessel Inspectors. National Board governs the fields of: - In-service inspections - Repair and Alterations - Owner User Inspection Organization The ASME Conformity Assessment audit might be combined with a National Board audit.

THE Applus+ SOLUTION

Authorized Inspections:
As an Authorized Inspection Agency, we take special care on assuring the highest competency level of our inspectors. Our team assists you in Code required inspections and actively supports you in a solution-oriented inspection process.
Initial Certification:
We accompany you in the initial certification process of ASME Certification by assisting you in establishing a Quality Program, assessment of the manufacturing and quality processes and assuring Code compliance. Our experiences Inspectors and Supervisors will guide you through the entire certification process from decision making on the scope and timeline up to the final certification audit. We provide supporting documents and tools to understand the requirements of the Code better.

Re-Certificaation:
As the Certificate of Authorization is valid for 3 years only, it needs to be renewed before expiration. Applus+ provides the required support to renew the ASME Certification through a renewal audit. Special care shall be taken on QC Monitoring activities of production during the certification period.

Design Engineering:
Our experienced Design Engineers provide assistance in Design Reviews, Appraisals and Design Preparation as well as Code and Standards Engineering and Consultancy.

Seminars and Workshops:
All seminars are delivered by experienced Inspectors and Supervisors. Discussions allow direct exchange among participants and addressing specific questions and issues. Examples and practical exercises are targeted to deepen the content. Ask us directly for further details on specific seminar dates and programs. Additionally, we perform customer-tailored seminars and workshops at your company on demand.

Consultancy:
We offer support as consultancy in:
- Establishing NDE Procedures in compliance with Section V
- Qualify your Welding Processes and Welders/Operators as per ASME Section IX
- Compliance of your Written Practice for NDE Personnel
- Audit a material supplier or assess (re-certify) material

National Board Owner User Inspection Organization
Owners of pressure equipment such as :
- Chemical plants
- Refineries
- Power plants
- Processing plants

might conduct in-service inspections as well as acceptance inspections for repairs and alterations internally, utilizing their own personnel. It requires and accreditation as Owner User Insepction Organization and training and qualification of own Inspectors. Applus+ has experience in consultancy and assistance in this process and can offer substantial support throughout the accreditation process.

All our services are provided by inspectors who received dedicated training and assessment in the field of ASME Code services. As Authorized Inspection Agency we provide assistance in approaching ASME and National Board for any relevant issue, including Code interpretaions and Code Cases.

Target customers

The ASME Certification Mark may only be applied by authorized manufacturers, who follow the strict rules of the Quality System established by the ASME Code and who successfully demonstrated the utilization of the Quality System in an official ASME Audit.

Applus+ offers you expertise and services for:

- Inspections
- Assistance in ASME Certification Audit (initial and re-certification)
- Design Services incl. preparation, review, and appraisals*
- Training: tailored and on-demand Seminars and Workshops
- Consultancy for Material, Design, NDE, Welding, and Quality Systems*
- Assistance in certification for National Board Owner-User Inspection Organization Program (OUIO)

* In accordance with widely accepted international standards, we do not provide technical consultancy and accredited inspection services for the same client in the same subject, nor consulting and certification services for the same client in the same management system.

Our worldwide network of Inspectors offers you the right solutions wherever you are located.

Key customer benefits

Companies Certified by ASME are allowed to Stamp their pressure equipment with the ASME Certification Mark. The high recognition of this quality mark as a SAFETY warrant will open doors for new opportunities both nationally and internationally, as most Oil and Gas and Power projects require the use of only ASME stamped components. The benefits for the company are as following:

- Access to US, Canadian and International Markets through a trusted worldwide brand
- Better positioning in bids
- Permission to manufacture "stamped items."
- Publication in the official ASME List of Certificate Holders
- Cost cuts of manufacturing processes through Conformity Assessment audit
- Create a company culture centered around the achievement of quality
- Improvement of staff competency and skills
- Commonly accepted and valued ASME Quality System
- Provides confidence to owners and suppliers of the quality and safety of your products

Furthermore, the audit gives oportunity to qualify the welding processes and NDE procedures which might be utilized for any further projects.

Certification means for the company that:

It went through a rigorous certification process designed to validate that it meets the standard.