

What are welding codes and who enforces them

Welding codes are a set of standards and guidelines that specify the correct procedures, materials, and techniques to be used in welding. These codes help ensure the quality, safety, and integrity of welded structures. They are developed by various standard-setting organizations such as the American Society of Mechanical Engineers (ASME) and the American Welding Society (AWS) and the International Organization for Standardization (ISO).

The enforcement of welding codes typically falls under the jurisdiction of regulatory bodies such as government agencies or industry organizations. For example, in the United States, the Occupational Safety and Health Administration (OSHA) enforces welding safety standards in the workplace, while the American Society of Mechanical Engineers (ASME), American Welding Society (AWS), National Board of Boiler and Pressure Vessel Inspectors (NBIC) oversees compliance with welding codes in various industrial sectors. Additionally, inspectors and welding supervisors are responsible for ensuring that welding work complies with relevant codes and standards called out by the engineering specification to meet contractual obligations between the owner and the contractor.



American Welding Society



**The National
Board of Boiler and
Pressure Vessel
Inspectors**