ASME Bioprocessing Equipment (BPE)

An International Standard

ASME BPE-2009

This ASME Standard provides the requirements applicable to the design of equipment used in the bioprocessing, pharmaceutical and personal-care products industries, as well as other applications with relatively high levels of hygienic requirements. It covers materials, design, fabrication, inspections, testing and certification.

ASME-BPE is unique in the world, having resulted from widespread industry requests for standardization. It is the leading Standard on how to design and build equipment and systems used in the production of biopharmaceuticals. It incorporates current best-practices for enhancing product purity and safety. Companies that rigorously apply ASME-BPE often can achieve production efficiencies, lower development and manufacturing costs, and increase quality and safety, while complying with regulations.

New topics from the last revision include:

- Metallic materials of construction for hygienic processes
- Certification program requirements
- Bioreactors/fermenters/sterilizers/autoclaves design
- CIP and process gas distribution systems
- Rouge and stainless steel

ASME-BPE-2009 is now referenced in ASME's B31.3 Code on Process Piping.

Intended for regulatory agencies, multinational corporations, plant owners, pressure-equipment fabricators, designers, constructors, materials suppliers, inspection organizations and others.

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