Manufacturing and Advanced Manufacturing Standards Committee
Additive Manufacturing Subcommittee.

Interested in Participating in Additive Manufacturing Standards Development?

ASME has longstanding expertise in the areas of general mechanical design standards and are in the process of establishing new competencies in the areas of nonmetallic materials to support efforts across the society. Three Working groups are being formed to address these topics.

Design for Additive Manufacturing Workflow Practices Working Group
This group will be developing practical guidance to engineers in the design for AM using metals. Topics could include exploration of capabilities (Replicate, Adapt, Optimize), feature identification, software identification, build preparation, scaling volumetric to stl conversion and other topics to meet specific industry needs.

Documentation Requirements to Meet Government and Regulatory Certification Criteria Working Group
This group will be holding Workshops and meetings to explore issues related to:

- What specific regulatory requirements apply for a given product.
- What penalties are possible if these requirements are not met.
- What the authority documents are for these requirements.
- What the options are for meeting these requirements.
- Roadmaps of the process and expected flow times.
- Personnel requirements and responsibilities.

The work of this group may result in white papers, reports or industry relevant guidance documents.

Additive Manufacturing for Nonmetallic Materials Applications Working Group
The group will assess the current state of Additive Manufacturing utilizing nonmetallic materials research, development and industries to determine if there are standards or guidance documents required to meet the needs of the varied polymer processes and industries in which these parts are utilized. Topics for exploration include NDE, characterization of feedstocks, sampling of liquid feedstock, design practices and use of recycled polymers.

If you are interested in one or more of these topics, please let us know by indicating your interest through this form https://bit.ly/3pwKQlF