

Technology Exchange on Coordination of U.S. Standards Development for Additive Manufacturing

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What is America Makes role in standards development as our nations national additive manufacturing institute?

AMPLIFY THE CONVERSATION INTO ACTION - SOLVE ELEMENTS CRITICAL TO PERVASIVE AND TIMELY INDUSTRIAL IMPACT – ELEMENTS THAT ATTENUATE TIMELY INTEGRATION OF ADDITIVE INTO AMERICA’S MANUFACTURING.

Understanding America Makes' mission...

- Accelerate the adoption of AM technologies in the U.S. manufacturing sector and to increase domestic manufacturing competitiveness with regional and national impact.
- Facilitate the development, evaluation and deployment of efficient and flexible AM technologies.
- Proactive gap analysis through member roadmap exercises, member working groups and crowd sourcing events as a technical basis for development of new AM standards.
- Transition non-proprietary results of technical projects into new AM standards to achieve and demonstrate ***National Impact***.

Role standards play in transitioning AM to practice...

- Qualifying new materials and processes
- Specifying requirements
- Communicating guidance
- Sharing best practices
- Defining test methods and protocols
- Documenting technical data
- Accelerating the adoption of new technologies

America Makes' Strategic Role...

Promote conversations and dialogue amongst all AM stakeholders through collaborative actions, by leveraging project investment, encourage member participation - and facilitate guidance to SDOs to meet the critical and timely need for new AM standards and specs.

America Makes AM Standards Strategy...

- Continued commitment to achieve and demonstrate National Impact through project results that identify the need and criticality of the need into new AM standards.
- Raise the level of conversation within technical project calls to consider how their project leverages, impacts existing standards and identifies gaps.
- Encourage America Makes members to actively participate in AM standards development organizations.
- Sponsor member events to identify, categorize and prioritize critical gaps in standards that will have the greatest impact to AM stakeholders.

When America Makes America Works



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