Unlock the Value of Metal Additive Manufacturing for Critical Applications

Benefits of Metal Additive Manufacturing

The design and fabrication freedoms of additive manufacturing (AM) technology allows you to go beyond conventional manufacturing and manufacturing limitations AM enables the ability to produce high quality parts in a workflow that can be validated, repeated, and scaled.

- Producing Critical Parts in Regulated Industries
- Partnering to Establish and Qualify a Production AM Workflow
- Win with a Reliable Process & Scalable Workflow

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Producing Critical Parts in Regulated Industries

This protocol exists in the following phases:

1. **Installation Qualification (IQ)**: The protocol begins with a defined and proven production protocol that removes the guesswork and facilitates a streamlined AM workflow in-house. We take a methodical, phased approach to help you establish and control your process. 3D Systems, our team of experts work with you to develop and produce metal printed parts for critical applications.

2. **Performance Qualification (PQ)**: To be part of a production process, the AM technology you select must deliver the expected result over a series of unique builds. A defined and proven production protocol removes the guesswork and facilitates a streamlined AM workflow in-house. We take a methodical, phased approach to help you establish and control your process. 3D Systems, our team of experts work with you to develop and produce metal printed parts for critical applications.

3. **Operational Qualification (OQ)**: After process qualification, 3D Systems can assist with product-specific validation, or you can leverage data captured over a decade plus of full-scale metal additive manufacturing. Setting up an AM process that can be validated is far faster and more straightforward when you can leverage data captured over a decade plus of full-scale metal additive manufacturing.

4. **Process Control Qualification (PCQ)**: 3D Systems' team of additive manufacturing experts and application engineers help customers develop and produce metal printed parts for critical applications. You can leverage data captured over a decade plus of full-scale metal additive manufacturing to unlock new opportunities for companies and organizations. Metal AM is a high value-add process that can pay off big in the long run, yet due to its relative novelty, a general lack of experience in AM design and manufacturing is inhibiting implementation.

Win with a Reliable Process & Scalable Workflow

Take the journey to additive manufacturing. This transformation requires understanding the path to qualified AM parts.

- SCALABLE CAPACITY
- INTEGRATED WORKFLOWS
- GREATER THAN 80% OEE

Interested in supercharging your experience with AM? Download Executive Brief