Virtual Knowledge Transfer Platforms for Improved Access to Metalcasting Best Practices

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AMC
AMERICAN METALCASTING CONSORTIUM

Problem

- Quickly and easily accessible digital resources are becoming more critical to maintain and improve quality standards for castings supplied to DoD/DLA due to a less experienced workforce

Objectives

- Develop interactive digital tools to rapidly transfer technology and best practice knowledge to metalcasting's next generation workforce

Benefits to Warfighter

- Improved access to references, education, and information for DoD/DLA and their casting providers resulting in:
  - Improved quality
  - Reduced costs
  - Lower lead times

Description of Project

This project will digitize existing non-digital data and create new digital tools for rapidly transferring metalcasting technology and best practices.

Team: American Foundry Society, ATI

AFS

ATI
ADVANCED TECHNOLOGY INTERNATIONAL

Milestones / Deliverables

- Mobile-friendly education tools
- Digital version of AFS Best Practices for Aluminum Reduced Pressure Test
- Digital version of AFS Mold and Core Test Handbook with videos
- Digital AFS handbook on Principles of Sand Control
- Enhanced AFS Library and Webinar Archive