



ASTM CERTIFICATE COURSE

Quality Assurance for Additive Manufacturing

This course covers global additive manufacturing (AM) standards and the qualification and certification requirements in AM processes.

📍 Shanghai, China

National Exhibition and Convention Center (NECC), Hall 7.1H & 8.1H

📅 Monday, 16 March 2026

Trainers:



Dr Alex Liu
Director
ASTM Asia Pacific
ASTM International



Andy Lu
Manager
AM Programs
ASTM International



Aloysius Tay
AM Project Engineer
ASTM International

Point of Contact:

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About the course

Course Level: Intermediate to Advanced users

Course Language: Chinese

Course Textbook: Bilingual material (Chinese and English)

This course provides a comprehensive overview of the global international standard system for AM, the ISO/ASTM joint standards, and offers in-depth explanations of selected key standards. It also covers the qualification requirements and methods for parts produced through AM processes. The course integrates the latest AM case studies to explore key challenges and opportunities in qualification and certification.

This one-day training program is based on ISO and ASTM standards and is designed for professionals currently engaged in, or planning to apply, AM to mass production, quality validation, and certification processes. Participants are expected to have basic knowledge or experience in AM.

Key Topics Include:

- Overview and Interpretation of AM International Standards
- Fundamentals of AM Qualification and Certification
- Classification and Consequences of AM Parts
- Requirements and Regulations for the AM Industry
- AM Qualification and Certification Pathway

Who should attend?

This course is suitable for **AM process engineers, AM materials engineers, AM project managers and team leaders**, as well as any professionals with experience in the AM industry.

Course fees

- TCT Asia Early Bird: USD 299/person (valid until 16 Jan 2026)
- TCT Asia Special Rate: USD 349/person
- Global Standard Rate: USD 399/person

Discover the latest advancements
and best practices in AM

Learn from industry experts from
ASTM AM CoE

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Time	Course Content
0830 - 0900	Registration
0900 - 0920	Welcome Remarks <ul style="list-style-type: none"> • Dr. Alex Liu – Director, ASTM Greater China • TCT Asia General Manager
0920 - 1045	Additive Manufacturing Standards <ul style="list-style-type: none"> • Overview of ISO/ASTM AM International Standards & Industry Standards • How industries apply standards • Conformance requirements based on standards
1045 - 1100	Coffee Break
1100 - 1200	Fundamentals of AM Qualification and Certification <ul style="list-style-type: none"> • Overview of qualification and certification frameworks • Structure and concepts of AM qualification certification
1200 - 1300	Lunch
1300 - 1445	Classification and Consequences of AM Parts <ul style="list-style-type: none"> • Classification and consequences of AM parts Requirements and Regulations for the AM Industry <ul style="list-style-type: none"> • Structure of standards • Key regulatory and management requirements
1445 - 1500	Coffee Break
1500 - 1700	AM Qualification and Certification Pathway <ul style="list-style-type: none"> • IQ/OQ/PQ (Installation / Operation / Performance Qualification) • AM process specifications • Sharing of real-world industrial case studies
1700 - 1730	Q&A and Closing Remarks