

# 13100 Quality Management Systems

## Background

Quality Management Systems Training provides participants with a deep understanding of quality management practices tailored to the aerospace sector. This training focuses on the 13100 standard, which integrates Advanced Product Quality Planning (APQP) and Production Part Approval Process (PPAP) principles into quality assurance practices. Participants will learn the essential frameworks and methodologies to ensure compliance, enhance product quality, and mitigate risks across the product lifecycle.

## Learning Objectives

By the end of this course, participants will be able to:

- Understand the structure and purpose of 13100 and its alignment with IAQG standards.
- Implement APQP and PPAP methodologies to manage product and process quality effectively.
- Identify and mitigate risks using advanced tools such as Process FMEA (PFMEA).
- Develop and utilise control plans to maintain process consistency and product reliability.
- Address operational risks, including configuration management and prevention of counterfeit parts.
- Leverage feedback from production to drive continuous improvement and ensure compliance with aerospace industry requirements.

## Agenda

1. Introduction to 13100 and IAQG Standards
2. APQP and PPAP Frameworks
3. Operational Risk Management
4. Process FMEA and Control Plans
5. Process Validation and PPAP Submission
6. Feedback and Continuous Improvement

## Additional Information

- 2 Days