



GAIN A

COMPETITIVE

ADVANTAGE WITH

AS9100D

GUIDING MANUFACTURERS
THROUGH THE AS9100D
IMPLEMENTATION PROCESS

When it comes to the aerospace industry, quality is the number one priority. Because of this, any manufacturer who aims to find success in the industry must start by achieving an AS9100D certification. Let our experts at the Michigan Manufacturing Technology Center (The Center) help.

MICHIGAN
MANUFACTURING
TECHNOLOGY
CENTER

IS AS9100D CERTIFICATION RIGHT FOR YOUR COMPANY?

First released in 1999, with the most recent revision published in 2016, AS9100D is the standardized Quality Management System (QMS) for aerospace and defense sector organizations. This standard encompasses all the requirements outlined in the more general ISO 9001 quality standard, with additional requirements specifically related to aviation, space and defense organizations. In addition to ensuring all manufactured parts reach specified standards of quality, having a QMS that is registered to AS9100D can improve your delivery performance while reducing production costs, as well as providing a distinct competitive advantage.

PREPARE FOR CERTIFICATION WITH THE CENTER

Identifying the right approach to lead your implementation is the first step in navigating the waters of AS9100D. To assist with your implementation, The Center offers the following programs:

MANAGEMENT OVERVIEW. This course provides an overview of the requirements within AS9100D for aerospace parts manufacturers. Participants will gain an understanding of the requirements contained in the standard along with the intent behind those requirements. While the implementation of an AS9100D system is not part of the scope of this course, key implementation considerations can be addressed via discussion.

ORGANIZATION IMPLEMENTATION. This seven-day training program is designed to teach team members how to develop and implement the requirements of the AS9100D standard. Each company receives a complete Policy Manual template to help create their own manual. Sample Procedure, Process and Form Templates also are issued, along with reference documents for compliance to the QMS.

ORGANIZATIONAL TRANSITION (*must be ISO 9001:2015 certified*). This program is applicable to organizations that are transitioning from ISO 9001:2015 to AS9100D. This four-day training, delivered on-site, is designed to guide team members through how to develop an ISO 9001:2015 QMS to meet the requirements of AS9100D.

INTERNAL AUDITOR. Three-day Internal Auditor training equips you with the tools needed to confidently conduct internal audits within your company. Internal auditors are focused more on the company's processes and less on the standard. Often, the standard is not even referenced in the audit. Those conducting internal audits should constantly be looking for ways to improve processes in both effectiveness and efficiency.

8D PROBLEM SOLVING. Many things can go wrong in a manufacturing facility, from specification errors to missed shipping deadlines. Actions to reduce the costs of poor quality, a key to profitability, are best undertaken with a structured methodology. In this class, learn how to isolate root cause and employ step-by-step actions to report findings, determine/apply remedies and solve problems.