

OMNEX



DRIVING WORLDWIDE BUSINESS EXCELLENCE

Omnex

Training & Workshop Catalog



AUTOMOTIVE
QMS



CORE
TOOLS



PROBLEM
SOLVING



IMPROVEMENT
METHODOLOGIES



SOFTWARE

USA | CANADA | CHINA | EUROPE | INDIA | MALAYSIA | MEXICO | MIDDLE EAST | UAE | SINGAPORE | THAILAND

www.omnex.com

IATF 16949 Series

- IATF 16949:2016 Executive Overview
- Understanding the Requirements of IATF 16949:2016 AQMS
- Understanding, Documenting and Implementing IATF 16949:2016
- IATF 16949:2016 Internal Auditor Training for AQMS
- IATF 16949:2016 Second Party (Supplier Auditor) Training for AQMS
- IATF 16949:2016 Manufacturing Process Auditor Training for AQMS
- IATF 16949:2016 Product Auditor Training for AQMS
- Transition Training for IATF 16949:2016 and ISO 9001:2015
- Automotive OEM Detailed Customer Specific Requirements Workshop
- IATF 16949:2016 Employee Awareness
- AIAG-VDA DFMEA (SFMEA and DFMEA) for Practitioners and Facilitators
- AIAG-VDA FMEA for Managers and Implementers – Implementation Training
- AIAG-VDA FMEA Understanding, Implications, and Strategy Executive Overview
- AIAG-VDA Process FMEA and Control Plans for Practitioners and Facilitators
- Functional Safety Core Tools: DFMEAs for Monitoring and System Response
- Reverse Failure Mode and Effect Analysis – RFMEA

ISO 27001/TISAX/CMMC

- Understanding the Requirements of ISO/IEC 27001:2013 for Information Security Management Systems
- ISO/IEC 27001:2013 Internal Auditor Training for Information Security Management Systems
- ISO/IEC 27001:2013 Lead Auditor Training for Information Security Management Systems
- ISO/IEC 27001:2013 for Information Security Management Systems Executive Overview
- Information Security Awareness Training
- Understanding the Requirements of ISO/IEC 27001:2013 and VDA ISA TISAX
- ISO/IEC 27001:2013 and VDA ISA TISAX Internal Auditor Training for Information Security Management Systems
- ISO/IEC 27001:2013 and VDA ISA TISAX Lead Auditor Training for Information Security Management Systems
- Understanding the Requirements of Cybersecurity Maturity Model Certification (CMMC) and ISO/IEC 27001:2013
- Cybersecurity Maturity Model Certification (CMMC) and ISO/IEC 27001:2013 Internal Auditor Training for Information Security Management Systems
- Cybersecurity Maturity Model Certification (CMMC) and ISO/IEC 27001:2013 Lead Auditor Training for Information Security Management Systems

Automotive SPICE® Series

- Mechanical Engineering Plug-In for Automotive SPICE®
- Understanding Automotive SPICE® Including Integration with ISO 26262 and IATF 16949
- Internal Quality Assurance Practitioners of Automotive SPICE®
- Creating Test Cases for Automotive Software
- Intacs™ Certified Provisional Assessor
- Conducting Automotive SPICE® Assessments
- Writing Effective Requirements and Test Cases for Automotive Software Performance
- Improvement and Capability determination (Automotive SPICE®) and HWE PRM/PAM
- Understanding PRM/PAM Hardware Engineering Processes and Integration with Automotive SPICE®

ISO 26262 Functional Safety Series

- ISO 26262:2018 Functional Safety Executive Overview
- ISO 26262:2018 Overview for Functional Safety Engineers
- ISO 26262:2018 Overview for Project Managers
- Automotive Functional Safety ISO 26262:2018 Certification
- ISO 26262:2018 Automotive Functional Safety Certification with Truck & Bus Focus
- ISO 26262:2018 Automotive Functional Safety Certification with Motorcycle Focus
- ISO 26262:2018 Program Manager/Functional Safety Manager Certification Level I
- ISO 26262:2018 Functional Safety Auditing and Assessment
- Preparing a Safety Case for ISO 26262:2018
- Writing Effective Requirements, Test Cases and Hardware/Software Interface (HIS) for Automotive Spice®
- ISO 26262:2018 Automotive Functional Safety Engineer Level II Certification
- ISO 26262:2018 Program Manager / Functional Safety Manager Certification Level II
- ISO 26262:2018 Product Development at the Hardware Level in Semiconductors Certification
- Functional Safety Core Tools: DFMEA and Diagnostic Analysis Overview
- Functional Safety Core Tools: DFMEAs for Monitoring and System Response
- Functional Safety Core Tools: 2-day DFMEAs for Monitoring and System Response
- Functional Safety Core Tools: Fault Tree Analysis
- Functional Safety Core Tools: Hazard Analysis and Risk Assessment
- Assessments, Audits, and Confirmation Measures For ISO 26262:2018 Functional Safety Management Systems Standards
- Assessment of a Safety Case based on SS 7740-2018
- Software DFMEA ISO 26262:2018 Functional Safety Core Tools
- Writing Effective Requirements and Test Cases at System, Software and Hardware levels for Functional Safety (ISO 26262) products
- ISO 26262:2018 Product Development at the Hardware Level Certification

Cybersecurity Series

- SAE J3061, ISO/SAE 21434, and Related Standards: Automotive Cybersecurity Executive Overview
- SAE J3061, ISO/SAE 21434, and Related Standards: Overview for Functional Safety Engineers
- SAE J3061 and ISO/SAE 21434 Cybersecurity Engineering Certification
- SAE J3061 and ISO 21434:2019 Automotive Cybersecurity Auditing and Assessment Certification
- SAE J3061 and ISO/SAE 21434 Cybersecurity Threat Analysis and Risk Assessment (TARA)
- SAE J3061 and ISO/SAE 21434 Conducting a Cybersecurity FMEA and Vulnerability Analysis Testing for Systems, Hardware and Software
- SAE J3061 and ISO/SAE 21434 Cybersecurity Engineering Defense & Protection Against Attacks
- Introduction to Autonomous and Electric Vehicles: A Functional Safety, SOTIF, and Cybersecurity Perspective
- Preparing a Cybersecurity Case
- Writing Effective Requirements, Test Cases, and H/S Interfaces for Cybersecurity
- SAE J3061 and ISO/SAE 21434 Automotive Cybersecurity Certification
- Introduction to Systems Engineering: A Safety and Cybersecurity Perspective
- WP.29, ISO/SAE 21434 and VDA CSMS – Auditing Automotive Cybersecurity Management Systems

VDA

- Production Part Approval Process (PPAP) VDA Volume 2
- System FMEA / DFMEA / DVP&R / Characteristics Linkage
- Process Flow, PFMEA and Control Plans
- Measurement Systems Analysis (VDA 5)
- Contamination Identification and Control Utilizing VDA 19
- Certification for Product Safety and Conformance Process Owners
- Understanding VDA 6.3 Process Audits
- VDA 6.3 Executive Overview
- Conducting Product Audits to VDA 6.5
- Conducting Process Audits to VDA 6.3

Automotive Core Tools

- AIAG-VDA FMEA for Managers and Implementers -Implementation Training
- AIAG-VDA Process FMEA and Control Plans for Practitioners and Facilitators
- AIAG-VDA DFMEA (SFMEA and DFMEA) for Practitioners and Facilitators
- AIAG-VDA Product FMEA Overview
- Statistical Process Control(SPC) -2018
- Measurement Systems Analysis(MSA) -2018
- Statistical Process Control (SPC) Workshop
- Statistical Process Control (SPC) and Associated Tools
- Understanding Core Tools:
(APQP/PPAP,DFMEA & DVP&R, PFMEA/Control Plan, SPC and MSA)
- APQP DFMEA
- AIAG VDA DFMEA Overview
- AIAG VDA Process FMEA Overview Plans,SPC and MSA)
- Understanding Core Tools(APQP,PPAP,DFMEA,PFMEA,Control Plans,SPC and MSA)
- Understanding Core Tools (APQP/PPAP,DFMEA, DVP&R, SPC and MSA)
- Following the AIAG FMEA 4th Edition Methodology
- Understanding Core Tools (APQP/PPAP,DFMEA, DVP&R, SPC and MSA) Following the AIAG-VDA FMEA 1st Edition Methodology
- Understanding Core Tools: Statistical Process Control (SPC)
- Understanding Core Tools: PFMEA and Control Plans
- Understanding Core Tools - Measurement Systems Analysis (MSA)
- Understanding Core Tools: Design Failure Modes and Effects Analysis (DFMEA) and Design Validation Plan & Report (DVP&R)
- Machine Failure Mode Effect Analysis (MFMEA)
- Basic SPC
- Design Failure Mode and Effects Analysis (DFMEA)FMEA 4th Edition
- Measurement Systems Analysis MSA 4th Edition
- Production Part Approval Process (PPAP)
- Total Productive Maintenance - TPM
- Zero Defects using Layered Process Audits
- Automotive OEM Detailed Customer Specific Requirements Workshop
- Implementing MMOG with IATF 16949 2016
- Production Part Approval Process (PPAP) Workshop with IATF 16949 2016
- Advanced Product Quality Planning (APQP) Overview
- APQP Manufacturing Process Development using PFMEA and PPAP
- Measurement Systems Analysis (MSA) including Advanced Analysis (ANOVA)
- Manufacturing Process Development using PFMEA
- Product Development using SFMEA 2c DFMEA and Associated Tools
- Understanding the Five Phases of APQP

Speical Process

- (CQI-8) Layered Process Audit Guideline
- (CQI-9) Heat Treat Assessments
- (CQI-11) Plating System Assessment
- (CQI-12) Coating System Assessment
- (CQI-14) Automotive Warranty Management
- (CQI-15) welding process assessment
- (CQI-17) soldering process assessment
- (CQI-19) Sub-Tier Supplier Management Process Guideline
- (CQI-22) Cost of Poor Quality Guide
- (CQI-23) Molding System Assessment
- (CQI-25) SPC Quick Start Guide - European Standards
- (CQI-26) SPC Short Run Supplement
- (CQI-27) casting process assessment
- (CQI-28) Traceability Guideline
- (CQI-29) Brazing System Assessment

GD&T

- GD&T Training
- Tolerance Stack-Up Analysis

Intacs

- intacsTM Certified Competent Assessor (Automotive SPICE[®] V3.1)
- intacsTM Certified Provisional Assessor (Automotive SPICE[®] V3.1)

Integrated Management System (IMS)

- Internal Auditor Training (ISO 9001 and/or IATF 16949, ISO 14001 and ISO 45001)
- Lead Auditor Training (ISO 9001 and/or IATF 16949, ISO 14001 and ISO 45001)
- Understanding Integrated Management Systems (ISO 9001 and/or IATF 16949 and ISO 14001)
- Understanding Integrated Management Systems (ISO 9001 and/or IATF 16949, ISO 14001 and ISO 45001)
- Conducting Risk Analysis for Business Processes for ISO 9001:2015 Quality Management Systems

ISO 9001:2015 Quality Management System

- ISO 9001-2015 Internal Auditor Training for Quality Management Systems
- Conducting Risk Analysis for Business Processes ISO 9001-2015
- Risk and Implementing Risk Strategies for ISO Management Systems
- Transitioning to ISO 9001 2015 Training
- Understanding the Requirements of ISO 9001:2015 Quality Management Systems

ISO 14001: 2015 Environmental Management Series

- ISO 14001:2015 Internal Auditor Training for Environmental Management Systems
- Understanding the Requirements of ISO 14001:2015 Environmental Management Systems
- Transitioning to ISO 14001:2015 Training

ISO 45001: 2018 Health and Safety Management

- Internal Auditor Training for ISO 45001:2018 Health and Safety Management Systems
- Understanding and Documenting ISO 45001:2018 Health and Safety Management Systems

ISO 50001:2018

- ISO 50001:2018 Internal Auditor Training for Energy Management Systems
- ISO 50001:2018 Executive Overview Training for Energy Management Systems
- Understanding and Documenting ISO 50001:2018 for Energy Management Systems

ISO/IEC 17025:2017

- ISO/IEC 17025:2017 Internal Auditor Training for Laboratory Management Systems
- Understanding the Requirements of ISO/IEC 17025:2017 for Laboratory Management Systems

ISO 13485:2016

- ISO 13485:2016 Internal Auditor Training for Medical Devices Quality Management Systems
- Understanding and Documenting ISO 13485:2016 for Medical Devices Quality Management Systems

Lead Auditor Training programs

- ISO/IEC 17025:2017 Lead Auditor Training for Laboratory Management Systems
- ISO 50001:2018 Lead Auditor Training for Energy Management Systems
- ISO 14001:2015 Lead Auditor Training for Environmental Management Systems
- ISO 45001:2018 Lead Auditor Training for Health and Safety Management Systems
- ISO 13485:2016 Lead Auditor Training for Medical Devices Quality Management System
- IATF 16949:2016 Lead Auditor Training for Automotive Quality Management Systems
- ISO 9001:2015 Lead Auditor Training for Quality Management Systems

QSB

- Quality System Basics Plus (QSB+)

R & D Series

- Design Center Knowledge Improvement - R&D - 2 Days.pdf
- Design of Experiments-DOE
- Design for Manufacturing and Assembly
- Risk Management Series
- BOS: Aligning Objectives –
Risk in Planning including Context and Interested Party Expectations
- Conducting Risk Analysis for Business Processes ISO 9001-2015
- Risk and Implementing Risk Strategies for ISO Management Systems

Shop Floor Improvements

- 5S – An overview
- Understanding Workplace Organization (5S)

Problem Solving

- Effective Problem Solving-EPS- AIAG.pdf
- Effective Problem Solving Methodology and Concepts
- Effective Problem Solving Employing the 8D Methodology
- Root-Cause-Analysis-RCA
- Team Problem-solving for Manufacturing
- Team Problem-solving for Service

Lead Auditor Training programs

- ISO/IEC 17025:2017 Lead Auditor Training for Laboratory Management Systems
- ISO 50001:2018 Lead Auditor Training for Energy Management Systems
- ISO 14001:2015 Lead Auditor Training for Environmental Management Systems
- ISO 45001:2018 Lead Auditor Training for Health and Safety Management Systems
- ISO 13485:2016 Lead Auditor Training for Medical Devices Quality Management System
- IATF 16949:2016 Lead Auditor Training for Automotive Quality Management Systems
- ISO 9001:2015 Lead Auditor Training for Quality Management Systems

Lean Tools

- Lean Six Sigma Overview
- Break away Lean Tool - Value Stream Mapping
- Lean - 5S
- Lean Mistake Proofing Poka Yoke
- Break Away Lean Quick change overs (SMED)
- Break away lean Understanding Work place organization (5S)
- Lean Six Sigma Green Belt Training
- Lean Six Sigma Black Belt Training

Contact

Global Headquarters

Omnex Inc.,
315 E. Eisenhower Parkway,
Suite 300,
Ann Arbor, MI 48108.
Phone: (734) 761-494
Email: info@omnex.com
www.omnex.com

Omnex Canada
[✉ info-ca@omnex.com](mailto:info-ca@omnex.com)

Omnex China
[✉ info-cn@omnex.com](mailto:info-cn@omnex.com)

Omnex Europe
[✉ info@omnex.eu](mailto:info@omnex.eu)

Omnex India
[✉ info-in@omnex.com](mailto:info-in@omnex.com)

Omnex Malaysia
[✉ info-my@omnex.com](mailto:info-my@omnex.com)

Omnex Mexico
[✉ info-mx@omnex.com](mailto:info-mx@omnex.com)

Omnex Middle East
[✉ info-me@omnex.com](mailto:info-me@omnex.com)

Omnex Saudi Arabia
[✉ info-sa@omnex.com](mailto:info-sa@omnex.com)

Omnex Singapore
[✉ info-sg@omnex.com](mailto:info-sg@omnex.com)

Omnex Thailand
[✉ info-th@omnex.com](mailto:info-th@omnex.com)