FOR MANUFACTURERS AND SUPPLIERS IN ALL SECTORS

TRAINING & COACHING CATALOG

2024

ACCREDITED TRAININGS

Decarbonization

- DC01 – Carbon Footprint in RFQs

Automotive Essentials

- AE02 – Automotive RFQ – Request For Quotation
- AE03 – Automotive Project Management
- AE04 – IATF 16949: 2016
- AE06 – FIEV 2.0 audit preparation

Customer Specific Requirements – CSR

- CSR01-M1 – APQP/PPAP harmonized Stellantis v2022
- CSR01-M2 – APQP/PPAP Harmonized Stellantis Transition module from v2015 to v2022
- CSR02 – Renault Group Product Quality Procedure
- CSR03 – B2B Renault Quality Tools: SQUALL, RSSC, RGPQP
- CSR05 – MRS Stellantis Standards: NSA, PPQ, MPA, Audits preparation
- CSR06 – STELLANTIS B2B Quality Tools: Am@deus, SPOT, ESQUAL, …

Quality Tools & Standards

- QTS01 – Quality Core Tools according to IATF
- QTS03 – MSA: Measurement System Analysis
- QTS04 – SPC: Statistical process Control
- QTS05 – Process FMEA according to AIAG/VDA standard
- QTS06 – Reverse FMEA
- QTS07 – Problem Solving Management
- QTS08 – Root Cause Analysis: 8D / QRQC
- QTS09 – LPA - Layered Process Audit: Standards and multi-level audits

Production & Lean Manufacturing

- PL02 – 5S Workshop

ACCREDITED TRAININGS

Purchasing & Cost Management

- PCM01 – Purshasing Key Success Factors
- PCM02 – Monozukuri: Lead Productivity

Logistic Standards & Tools

- LO01 – Global MMOG/LE Standard
- LO02 – Stellantis B2B Portal Logistics tools
- LO03 – RENAULT B2B Portal Logistics tools

TRAINING COURSES OFFERED BY OUR PARTNERS

Automotive Safety

- KM01 – Automotive System Design (ISO 26262)
- KM02 – Introduction to Functional Security
- KM03 – Safety of the Expected Function (SOTIF)
- KM04 – TÜV North Certified Safety Engineer (Automotive)
- KM05 – TARA in practice (Automotive)

OUR MAIN CLIENTS IN TRAINING & COACHING

THEY TRUST US

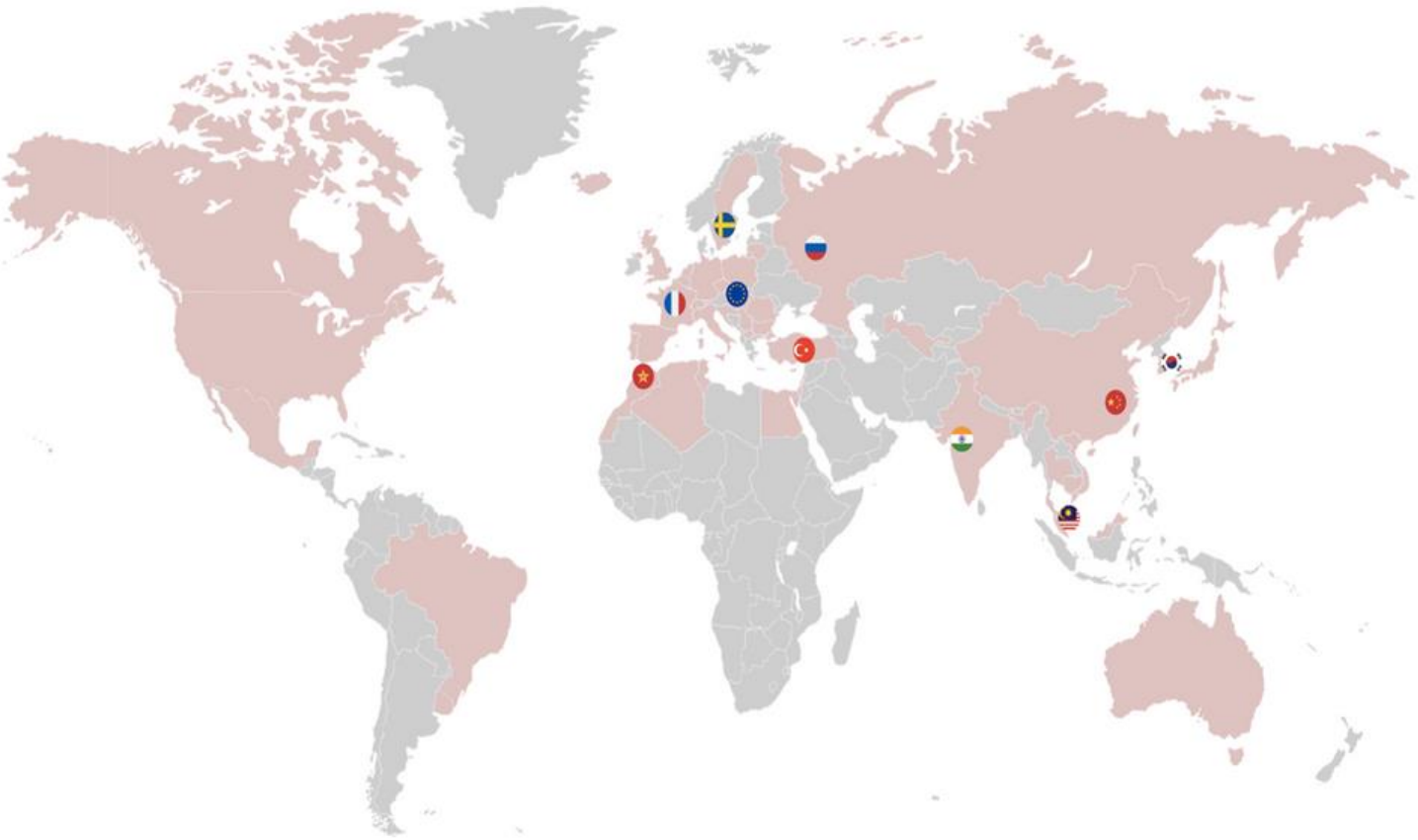
Automotive

HUTCHINSON
MAHLE
MARQUARDT
VANPROTECH
EVBOX
FLEX|N|GATE
Sika
ZENITH AUTOMOTIVE
SPPP
Miba
Valeo
Constellium
HELLA
YURA
CIE Mar Sk
COŞKUNÖZ HOLDİNG
brose
ADIENT
autoneum
DELFINGEN
FLEX|N|GATE
AKA
Vibracoustic
Groupe Plastivaloire
Delmon Group
REMSONS INDUSTRIES LIMITED
vitesco TECHNOLOGIES
ITW
Garrett ADVANCING MOTION
ERICH JAEGER
SCHERDEL
faurecia
AK AUTO-KABEL
WEIDPLAS smart plastic systems
ALUDYNE
Continental
SMRC
TI Automotive
PLASTIC OMNIUM
PROMA

Other industries

PORAL
SIEMENS
TotalEnergies
ALSTOM

A WORLDWIDE PRESENCE



72 years-old family-owned company: « Think Global, Act local »

- → More than 450 « on spot » experts available for projects
- → Plus 900 operators available for Sorting & Reworking missions
- → Mostly coming from OEMs and Tier1 Suppliers
- → 400 M€ Turnover managed yearly & ~ 20M€ Consultancy Fees

SNECI KEY FIGURES

400	+70	50	450
customers	years of experience	countries	experts

FINANCING

Possible financing arrangements via

CPF: Personal Training Account	The OPCOs: Skills Operators	FNE - Training: National Employment Fund	Own funds

⚠ Apply for funding no later than one week before the start of the course!

FIGURES IN TRAINING & COACHING

30	3500	250	97%
Training modules	People trained	Companies coached	Customers satisfied

Information, modalities and estimate

+33 (0) 1 41 40 16 08

formationsneci@sneci.com

SNECI
TRAINING SOLUTIONS

EXPERIENCE

- + 3 500 participants from 250 different companies.
- Training courses available in 14 different languages.
- Local SNECI accredited trainers, professionals from the automotive industry.
- Player of the automotive industry for 72 years.
- Member of the Board of Directors of the Federation of Vehicle Equipment Industries (FIEV).
- Member of the Board of Directors of Nextmove & Member of EVOLEN.
- Member of the Moroccan Automotive Industry Association (AMICA).
- Partnership with Galia.
- ISO 9001 certified.
- Datadoc accreditation in France (training agency n°11 92 18 377 92).
- Qualiopi certified.
- Ecovadis Silver certified.

OBJECTIVES

- Learn by doing with case studies and on-site workshops,
- Optimize your performance with practical advice, easy to implement,
- Contribute to the efficiency of your organization by concentrating on:
  - ✓ Improving the Customer-Supplier relationship,
  - ✓ Improving quality to reach the OEM & Tier 1/N requirements,
  - ✓ Accelerating time to market,
  - ✓ Monitoring & Controlling Costs, Quality, Timing and Risks & Opportunities,
  - ✓ Creating added value by optimizing costs.

COMMITMENTS

1

Benefit from recognized operational methods from SNECI trainers' expertise

2

Obtain effective & quick results

3

Make you autonomous in your missions

PHILOSOPHY

- A pedagogical, efficient and pragmatic approach to adapt to each supplier, its own history and specific needs.

- SNECI trainers will define with you which training is the most appropriate to your needs. They will adapt our modules according to your specific and personal expectations because each customer is unique.

OUR TESTIMONIALS

We completed Reverse FMEA and Global MMOG LE V5 training directly in our company.
I would like to appreciate the high expertise and professionalism of both trainers and the way in which they involved the participants in the training. All participants' questions were answered. Me personally, I would like to especially thank you for the possibility of telephone consultations with both trainers in case of open questions during the implementation of knowledge in practice.

Miroslav, Quality Manager, Czech Republic

APQP PPAP STELLANTIS v2022 training was very useful for our future work. Helpful knowledge which will be implemented in our new projects. Thank you very much.

Marko, Quality Manager, Serbia

With a clear conscience, I can recommend SNECI as a Stellantis ex-PSA CSR training provider, with professional and dedicated trainers and always very helpful training coordinators. The cooperation is always a pleasure. Huge “Thank You”

Aleksandra, HR Specialist, Poland

We are very delighted about the partnership in training and coaching with SNECI given their long experience in the automotive industry both in France and abroad. We wanted this partnership to strengthen the skills of our members, a guarantee of success for the future.

Charles Aronica, General Director of FIEV

OUR ACCREDITATIONS AND CERTIFICATIONS

Our certifications

UTAC CERTIFICATION ISO 9001

Qualiopi processus certifié RÉPUBLIQUE FRANÇAISE

SILVER 2023 ecovadis Sustainability Rating

Our accreditations

SIA SOCIÉTÉ DES INGÉNIEURS DE L'AUTOMOBILE

Fiev ÉQUIPER LE FUTUR DE L'AUTOMOTIVE

ODETTE

ANFIA

Renault Group

STELLANTIS

OUR COURSES IN DETAILS

Decarbonization

Automotive Essentials

Customer Specific Requirements – CSR

Quality Tools & Standards

Production & Lean Manufacturing

Purchasing & Cost Management

Logistics Standards & Tools

Automotive Safety

CONTACT: +33 (0)1 41 40 16 08 I formationsneci@sneci.com

CARBON FOOTPRINT" IN RFQS

Decarbonization

DC01
1 day
7 hours

This training is aimed at all suppliers in the automotive sector, both large groups as well as mid-sized companies and SMEs,

Content of training

1. Introduction
2. Fundamental principles and CO2 issues
3. Calculation of the product's carbon footprint
4. OEM Automotive CO2 Grill Documentation
5. Practical cases
6. Public databases (ADEME, PFA, etc.)
7. In-depth points/methodological sheets
8. Questions/Answers and Summary
9. Appendices

Prerequisites

-

Intended audiences

- Automotive suppliers,
- CSR teams and CO2 experts,
- Sales teams,
- Production and energy purchasing teams,
- Methods and industrialization teams.

Validation

Participants will receive a certificate of participation in the training.

Your trainer

Our trainers are automotive specialists (with a background within OEMs) who are fully aware of manufacturers' requirements in terms of reducing CO2 emissions.

Objectives

To be able to

- Understand the carbon footprint issues for car manufacturers,
- Master the requirements of manufacturers in terms of carbon footprint,
- Use tools and methods to measure the carbon footprint of a product,
- Communicate the carbon footprint of your product.

Training methodology

One of the training challenges is that the trainees can "practice" to be able, at the end of this training, to respond precisely and in a comparable manner to their clients' RFQs. After a theoretical part, participants will be led to practice through different case studies.,

Course of the training

The training is offered in face-to-face or online via the Teams application. The use of a headset is recommended for distance learning.

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OUR COURSES IN DETAILS

Decarbonization

Automotive Essentials

Customer Specific Requirements – CSR

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AUTOMOTIVE RFQ

Automotive Essentials

AE02
1 day
7 hours

This training will enable to respond to a consultation (a call for tenders) coming from an automotive manufacturer or supplier, increase and improve your chances of commercial success.

Content of training

1. Definition of a RFQ
2. Necessary conditions to receive an RFQ
3. Reception of a RFQ - Input data and Risks & Opportunities analysis
4. Offer Preparation
5. Answer to RFQ and deliverables
6. Key success factors
7. Conclusion of training

Prerequisites

Experience in the automotive industry

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.
The participants will receive a certificate of participation in the training.

Intended audiences

- KeyAccount Project Manager
- Development Team Members
- Managers

Your trainer

The training is conducted by a Business Development Manager with several years of experience in the field.

Objectives

- Understand characteristics of a RFQ in the automotive sector
- Know how to organize your business to respond efficiently and in time to a RFQ
- Save time on your next RFQs
- Provide you a toolbox which will help you win new business

Training methodology

During the training, each participant is placed in the situation of receiving a RFQ package.

Through concrete examples, participants will understand better the expectations of automotive customers.

Each participant will benefit from exchanges with other participants.

Our method also leaves time for individual reflection, allowing each participant to develop an action plan to be implemented after the training and to enrich his commercial know-how,

Course of the training

The training is offered in face-to-face or online via the Teams application. The use of a headset is recommended for distance learning.

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AUTOMOTIVE PROJECT MANAGEMENT

Automotive Essentials

AE03
2 days
14 hours

This training prepares you for the different steps necessary for an efficient management of a project. It will allow you to understand the different phases of development, to know better the OEM requirements and to ensure the effective management of your projects.

Content of training

1. Introduction
   a) Basic notions of project management: definitions, phases of project management, roles of the team's members...
   b) The automotive context: IATF 16949 standard and OEMs requirements
   c) Input data, tasks to be performed and deliverables expected by phase,
2. Preliminary phase
3. RFQ phase
4. Development Phase
5. Industrialization and validation including ramp-up
6. Life Series
7. Spare parts / After-sales service

Prerequisites

No specific requirements.

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz. This test is self-corrected with the participants and the trainer.
The participants will receive a certificate of participation in the training.

Intended audiences

- Project Manager
- Project team member
- Launch Manager
- Any person moving to a project management position

Your trainer

The training is conducted by a project management expert.

Objectives

- Acquire the skills of project management
- Be able to manage your project efficiently by following a robust methodology.
- Implement the necessary tools to manage a project.
- Respect your customer's expectations & milestones.
- Allow the adaptation of your project management to the different existing approaches.

Training methodology

Based on dynamic pedagogy and teamwork, the participants will carry out practical exercises.

Quiz to validate the knowledge acquired.
Participant manual and specific support provided to the trainees.

Course of the training

The training is offered in face-to-face or online via the Teams application. The use of a headset is recommended for distance learning.

IATF 16949 standard v 2016

Automotive Essentials

AE04
3 days
21 hours

The training aims to make you acquire the fundamentals of the IATF 16949 standard to implement them in your automotive quality certification project.

Content of training

1. What's the IATF 16949?
2. The main developments of ISO 9001
3. The main developments of IATF 16949
4. Diagram of the new structure of IATF 16949
5. Stakes and stakeholders
6. Implementation and IATF supplement
7. Context
8. Leadership
9. Planification
10. Support
11. Achievements
12. Performances

Prerequisites

Participants will come with or without the copy of ISO 9001 and IATF 16949

Validation

The acquired skills will be assessed and validated at the end of the training with a quiz test.
The participants will receive a certificate of participation in the training.

Intended audiences

- Quality Managers & Directors
- Internal Auditors
- Supplier Quality Engineers
- Engineering Manager
- Program Manager

Your trainer

The training is provided by a quality expert with many years of experience in the automotive industry.

Objectives

- Learn the requirements of IATF 16949: 2016 to implement them within your company.
- Understand changes to update the quality management system.
- Implement the tools and methods in
- your quality system.
- Understand the main concepts to implement them with more efficiency.

Training methodology

Based on a dynamic pedagogy and teamwork, participants will carry out practical exercises.

Questionnaires will be provided.

Participant manual and specific documentation available to trainees.

Course of the training

The training is offered in face-to-face or online via the Teams application. The use of a headset is recommended for distance learning.

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FIEV 2.0 AUDIT PREPARATION

Automotive Essentials

AE06
2 days
14 hours

FIEV 2.0 Audit Preparation training aims to introduce you to the FIEV 2.0 Standard. It will provide you input and give you key success factors for audit preparation, self-assessment, internal and official audits.

Content of training

1. Presentation of FIEV V2.0 audit criteria list
2. Principles to carry out an audit FIEV V2.0
3. Planning and setup of the audit assignment
4. Audit preparation and risk analysis
5. Questionnaire and audit form
6. Audit report and quotation
7. Warp-up and closure of this training

Prerequisites

Automotive market & automotive project management knowledge.

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.

The participants will receive a certificate of participation in the training.

Intended audiences

- Project Managers
- Project Quality Managers
- Engineering Manager
- Program Director

Your trainer

The training is provided by a qualified FIEV 2.0 referent.

Objectives

- Introduce and present the requirements of the FIEV 2.0 standard.
- Acquire the skills to perform a process audit, self-assessment according to this standard.

Training methodology

The training is provided from a common thread and leads trainees to manipulate each of the criteria of the reference system. Real audit situations are simulated during this training. Specific support will be provided during the training.

Option: internal audit

In addition to this training, a SNECI consultant can audit your organization internally with your teams for 2 days.

Course of the training

The training is offered in face-to-face or online via the Teams application. The use of a headset is recommended for distance learning.

OUR COURSES IN DETAILS

Decarbonization

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Customer Specific Requirements – CSR

Quality Tools & Standards

Production & Lean Manufacturing

Purchasing & Cost Management

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APQP/PPAP harmonized Stellantis v2022

Customer-Specific Requirements

CSR01 – M1
2 days

STELLANTIS has defined and adapted the APQP and PPAP processes to manage the quality of its suppliers throughout development and mass production phases. New APQP PPAP STELLANTIS v2022 is based on the merging of ex-PSA and ex-FCA standards. Training accredited by Stellantis. Training qualification is mandatory for STELLANTIS suppliers' Project Managers and Quality Managers assigned to a vehicle project applying the new STELLANTIS standards.

Content of training

DAY 1

1. Ice-breaker / Transition with e-learning.
2. Introduction.
3. APQP PPAP planning: STELLANTIS vehicle project scheduling and supplier Gates planning.
4. The APQP Grid.
5. The Rules for deliverables rating, the supplier and STELLANTIS roles & responsibilities, and the escalation process.
6. Gate 1 and the Activities initiated in Phase 1. including the Key Characteristic list definition, the PIS, the CAT, the GEED.
7. Gate 2 and the Activities initiated in Phase 2.

DAY 2

1. Gate 3 and the Activities initiated in Phase 3.
2. Gate 4 and the Activities initiated in Phase 4. including the instructions for the constitution of PPAP files.
3. Gate 5 and the Activities initiated in Phase 5.
4. The Change Management during mass production.
5. Guided tour of APQP IT applications: PLM and AUROS.
6. Conclusion, group quiz and training evaluation.
7. Exam: MCQ (15 questions in 30 min) and application exam (3 case studies in 60 min).

Prerequisites

Automotive market & automotive project management knowledge.

Intended audiences

This training is recommended for participants have been previously trained to the APQP PPAP Stellantis (ex-PSA) v2015.

Training methodology

The training is based on the supplier relationship management structure of the Stellantis Group and allows the participants to detail the use of the tools specific to the manufacturer.
It is based on practical exercises, case studies and experience sharing between participants.

Your trainer

The training is conducted by a project management specialist certified by Stellantis.

Objectives

- Know requirements and particularities of APQP PPAP Stellantis version 2022.
- Understand the rating rules of the Deliverables in APQP Grid.
- Know roles & responsibilities between the suppliers and STLA, and among STLA Teams.
- Get an introduction about APQP IT applications (PLM, CQMS-AUROS).
- Build your action plan to implement STELLANTIS requirements.
- Pass APQP PPAP STELLANTIS training certificate.

Validation

The acquired knowledge is evaluated and validated at the end of the training by a **MCQ test (15 questions) in 30 min + case studies (60min).**
60% of correct answers required to be APQP/PPAP certified under the Stellantis SQA.

The participants will receive a certificate of participation in the training.

Course of the training

The training is offered in face-to-face or online via the Teams application. The use of a headset is recommended for distance learning.

APQP PPAP HARMONIZED STELLANTIS TRANSITION FROM v2015 to v2022

CSR01 - M02
1 day

STELLANTIS has defined and adapted the APQP and PPAP processes to manage the quality of its suppliers throughout development and mass production phases. New APQP PPAP STELLANTIS v2022 is based on the merging of ex-PSA and ex-FCA standards. Training accredited by STELLANTIS.

Content of training

1. Transition with e-learning.
2. APQP PPAP Scheduling.
3. APQP Grid.
4. Phase 1 – new requirements.
5. Phase 2 – new requirements.
6. Phase 3 – new requirements.
7. Phase 4 – new requirements.
8. Phase 5 – new requirements.
9. Review of Change Management during mass production.
10. Guided tour of APQP IT applications: PLM and AUROS.
11. Conclusion and training evaluation.
12. Final test
13. Training evaluation.

Prerequisites

Participants provide certificate of qualification to APQP PPAP STELLANTIS (ex-PSA) v2015.

Validation

The acquired knowledge is evaluated and validated at the end of the training by a **MCQ test (15 questions) in 30 min.**
The participants will receive a certificate of participation in the training.

Intended audiences

This training is recommended for participants have been previously trained to the APQP PPAP STELLANTIS (ex-PSA) v2015.

Your trainer

The training is conducted by a project management specialist certified by STELLANTIS.

Objectives

- Know requirements and particularities of APQP PPAP STELLANTIS version 2022.
- Understand the rating rules of the Deliverables in APQP Grid.
- Know roles & responsibilities between the suppliers and STLA, and among STLA Teams.
- Get an introduction about APQP IT applications (PLM, CQMS-AUROS).
- Build your action plan to implement STELLANTIS requirements.
- Pass APQP PPAP STELLANTIS training certificate.

Training methodology

The training is based on the STELLANTIS Group Supplier Relationship Management structure and allows the participants to detail the use of the specific tools to the manufacturers.

It is based on practical exercises, case studies and on shares of experience between participants.

Course of the training

The training is offered in face-to-face or online via the Teams application. The use of a headset is recommended for distance learning.

RENAULT GROUP PRODUCT QUALITY PROCEDURE

CSR02
2 days
14 hours

This training allows potential suppliers or current suppliers of the Renault Group to understand the Renault project development methodology (RGPQP). To know better the purchasing & quality tools and to implement them to turn their Renault projects into success. Training accredited by Renault.

Content of training

1. Introductions & Objectives
2. General Outline of Project management/RGPQP
3. RGPQP (Renault Group Product Quality Procedure) structure
4. Using of RGPQP
5. RGPQP Categories details 1,2,3,4
6. RGPQP Categories details 5 to 11
7. How to work with Renault Group
8. E-RGPQP portal
9. Expectation review
10. Exam (MCQ)

Prerequisites

Automotive market knowledge
Knowledge of automotive project management

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz. Participants will receive a certificate of participation in the training.

Intended audiences

- Renault project team members
- Industrialization engineers
- Production managers
- Logistics managers
- Sales managers
- IATF 16949 system auditors

Your trainer

The training is conducted by a project management specialist with several years of experience in the automotive industry.

Objectives

- Know all the requirements and particularities of RGPQP RENAULT including activities to be carried out, associated deliverables, timing and submission rules.
- Understand who Renault contacts are.
- Know the principle of deliverable judgements (K0, K10, K50)
- Discover the Supplier Portal and the principles of Renault's e-RGPQP application.
- Understand of RGPQP project milestones to schedule the activities to be carried out.

Training methodology

- RENAULT is responsible for the design of this training program.
- The teaching method is based on sub-group activities including exercises directly linked to the activities and associated deliverables

Quiz to validate the knowledge acquired

Participant manual and specific support provided to the trainees

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

Renault B2B Quality Tools: RGPQP, SQUALL, RSSC

CSR03
1 day
7 hours

The Renault B2B Portal Tools training provides an overview of the most important tools used for managing claims and projects. It also provides information about supplier performance.
The training has been updated with the latest developments applied in 2023.

Content of training

1. B2B introduction
2. B2B overview
3. Project management – RGPQP basics
4. SQUALL – Supplier quality platform
    - NC management
    - KPIs
    - RSSC
5. Conclusion and quiz.

Prerequisites

Basic knowledge of Renault B2B tools

Validation

The acquired knowledge is evaluated and validated at the end of the training. Participants will receive a certificate of participation in the training.

Intended audiences

- Quality Engineers / Manager
- Project Engineers / Manager
- Logistic Manager
- Sales

Your trainer

Our trainer has an experience as a Customer's Quality Engineer, Supplier Quality Engineer, Quality Manager, Project manager at OEM and Tier1 supplier.

This will be an opportunity for you to to put into practice the latest solutions of the current automotive industry.

Objectives

Have an understanding of Renault B2B Portal :

- B2B Portal
- Project management requirements & portal
- SQUALL - claim management
- SQUALL - supplier performance monitoring

Training methodology

Lecture, exercises.

The training will allow you to understand better the RSA B2B Tools . The training is based on theory and practical examples.

Quiz to validate the knowledge acquired.

Participant manual and specific support provided to the trainees.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

Stellantis MRS Standards : NSA, PPQ, MPA, audits preparation

CSR05
2 days
14 hours

This training gives you a complex overview of Stellantis requirements for suppliers and Stellantis approach to audits. It is aimed at those who wish to assimilate and implement a structured approach, organize and perform audits of production processes.

Content of training

1. Prerequisite definition for Stellantis and objectives of the audit
2. 2Discovering the MRS (QIP) tools – NSA, PPQ and MPA (QSB+)
3. Analysis of audit documents – standards, training material, evaluation grid
4. Audit and the self-assessment preparation
5. Explanation of all STELLANTIS requirements for MPA (QSB+)
6. Advice/hints/best practices/examples for key requirements
7. Final evaluation of audit and action plan preparation

Intended audiences

- Quality Manager / Director
- Production Manager
- Method Manager
- Project team
- Maintenance manager
- Logistic Manager

Objectives

- Understand of all Stellantis requirements for suppliers
- Understand the concepts and the conduct of an audit of MRS Stellantis
- To be able to build a MRS audit preparation frame

Prerequisites

Basic knowledge of automotive standards

Option: Internal Audit

In addition to this training session and in case of an on-site training, SNECI's trainer & auditor can perform internal audits with your teams:

NSA internal audit : 1,5 days

MPAA internal audit : 2 days

PPQ internal audit : 1-2 days

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz…

Participants will receive a certificate of participation in the training.

Your trainer

Training is provided by a SNECI referent MRS qualified by Stellantis.

MRS = Manufacturing requirements for suppliers
NSA= New Supplier Assessment
MPA = Mass production assessment
PPQ = v Progressive process qualification

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Training methodology

The teaching methodology is based on group dynamics: The training is very practical: it alternates between methodological contributions and interactions of the participants.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

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STELLANTIS B2B QUALITY TOOLS: AM@DEUS, NEO logistics, SPOT, ESQAL…

CSR06
1 day
7 hours

The Stellantis B2B portal as a part of SQA training will provide you an overview of the most important tools and methods used for managing projects, quality assurance, logistics topics and for the assessment of suppliers' performance

Content of training

1. B2B portal presentation (Structure and access)
2. Stellantis applications
3. Stellantis documents: MQF, MLP, RIF, PROLOG
4. AM@DEUS – Quality and Logistics (Support of anomalies and supply defaults)
5. NEO logistics
6. SPOT – Supplier Performance
7. ESQAL – Supplier reporting
8. PCAT – capacity study
9. Proactive containment (GP12- Quality Wal)
10. Quality at new 0 km and warranty (rules, timing, return management)
11. Management of modifications and transfers (BTAB procedure)
12. Quiz and Assessment

Intended audiences

- Customer Quality Engineers / Manager
- Project Engineers / Manager
- Quality Managers
- Quality System Specialists
- Warranty Specialists
- Key Account Managers

Objectives

- Provide an understanding of Stellantis B2B Portal
- Structure of B2B Portal
- Applications for Quality
- Stellantis Group main requirements towards suppliers

Prerequisites

- Experience in the automotive industry
- Access to Stellantis B2B Portal

Validation

- The acquired knowledge is evaluated and validated at the end of the training through a quiz.
- Participants will receive a certificate of participation in the training.

Your trainer

The course is conducted by trainers who have theoretical and practical knowledge of Stellantis B2B Portal (Quality Tools and Methods)

Training methodology

Lecture, exercises.

The training will allow you to better understand Stellantis B2B Tools and Methods.

It is based on theory and practical examples.

During the training, participants complete exercises and quiz to validate the knowledge acquired.

Training manual and specific support is provided to trainees.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

OUR COURSES IN DETAILS

Decarbonization

Automotive Essentials

Customer Specific Requirements – CSR

Quality Tools & Standards

Production & Lean Manufacturing

Purchasing & Cost Management

Logistics Standards & Tools

Automotive Safety

CONTACT: +33 (0)1 41 40 16 08 I formationsneci@sneci.com

QUALITY CORE TOOLS: ACCORDING TO IATF

QTS01
3 days
21 hours

This training will allow the participants to acquire the fundamentals of the APQP, PPAP, FMEA, MSA, SPC manuals to implement them in their internal automotive project management or towards their suppliers.

Content of training

1. APQP: phases of development, organization, deliverables
2. PPAP: PPAP requirements, submission levels and approval status
3. FMEA with AIAG/VDA standard: basic concepts and definitions, Product FMEA Product and Process FMEA
4. MSA - Measurement System Analysis: Definitions, the different sources of variations of measurement systems, perform GRR studies by variable and attribute
5. SPC - Statistical Process Control: basic concepts and definitions, control charts and capability calculations

Intended audiences

- Quality Manager, Quality Engineer
- Internal auditor
- Quality Engineer Supplier
- Member of the development project team

Objectives

- Understand and apply the quality tools required by IATF 16949:2016
- To know the main concepts to make audits more efficient
- Implement tools and methods specific to quality management in your projects

Prerequisites

- Good knowledge of quality tools
- Automotive experience

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.

Participants will receive a certificate of participation in the training

Your trainer

The training will be conducted by
a quality and project expert with automotive experience.

Training methodology

Based on a dynamic pedagogy and teamwork, participants will carry out practical exercises.

Questionnaire to validate knowledge.

Participant's manual and specific materials provided to the trainees.
The training materials are provided to participants in English.

They will be provided to them on an individual USB key in the classroom or distributed by e-mail, if the training is online.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

MSA: MEASUREMENT SYSTEM ANALYSIS

QTS03
2 days
14 hours

The purpose of the training is to introduce you to the tools of the MSA - AIAG manual in order to be able to verify and qualify your measuring systems by variable and attribute.

Content of training

1. Introduction
2. Definitions, type
3. Assess and improve accuracy and precision for Variable Measuring System
   - How to carry out a stability, bias, linearity study?
   - How to carry out a repeatability study?
   - Repeatability by the method of extent, mean and extent and ANOVA
4. The case of measurement system by attribute
   - How to carry out a Repeatability and Reproducibility Study by the Hypothesis Test Analysis and Signal Detection Theory?
5. Conclusion and quiz

Intended audiences

- Any person who must qualify, analyze a measuring system
- Metrology Manager
- Quality Manager
- Process Engineering Manager
- Quality Auditor

Objectives

- Assimilate the vocabulary of metrology
- Know the tools and methods in order to analyze a measurement system
- Know how to calculate the capacity of a measuring equipment and qualify your measuring systems
- Identify improvement actions

Prerequisites

No specific requirements

Validation

The acquired knowledge is evaluated and validated at the end of the training through a QCM type test.

Participants will receive a certificate of participation in the training.

Your trainer

The training is conducted by a quality expert with several years of experience in the automotive industry.

Training methodology

Based on a dynamic pedagogy and teamwork, participants will carry out practical exercises.

Questionnaire to validate the acquired knowledge.

Participant's manual and specific materials provided to the trainees.

The training materials are provided to participants in English.

They will be given to them on an individual USB key in the classroom or distributed by e-mail if the training is online.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

SPC: STATISTICAL PROCESS CONTROL

QTS04
2 days
14 hours

The purpose of the training is to introduce you to the tools of the SPC - AIAG manual to acquire the basic concepts of Statistical Process Control, to implement them and to exploit its data.

Content of training

1. Introduction
2. General Definitions, SPC Types
3. Basic Concepts of Statistical Process Control
4. Analysis of process capability
5. Implement Statistical Process Control
6. Manage out-of-control cases
7. Conclusion

Prerequisites

- Basics of Statistics
- Quality Control Concepts

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.

Participants will receive a certificate of participation in the training.

Intended audiences

- Production Manager
- Quality Manager, Technician
- Process Engineering Manager, technician
- Quality Auditor

Your trainer

The training is conducted by a quality specialist with several years of experience in the automotive industry.

Objectives

- Implement the SPC
- Know the tools and methods to analyze a process
- Acquire the notions to know how to calculate the capability of a process
- Establish, use control charts and identify improvement actions

Training methodology

Based on dynamic pedagogy and teamwork, the participants will carry out practical exercises.

Quiz to validate the knowledge acquired.

Participant manual and specific support provided to the trainees.

Course of the training

The training is offered in face-to-face or online via the Teams application.
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PROCESS FMEA
ACCORDING TO AIAG/VDA STANDARD

QTS05
2 days
14 hours

The purpose of this training is to be able to implement a FMEA Process. It will help you better prepare your FMEA by building a multidisciplinary team and working on reliable input data to lead working groups. This training is certified by FIEV.

Content of training

1. Introduction to FMEA
   - History
   - What's the FMEA, Class of FMEA?
   - Goals and Benefits of PFMEA
   - FMEA as part of IATF
2. FMEA preparation
   - PFMEA Flow, Teams
   - Relevant resources and expertise
   - Common team problems
3. PFMEA Steps
   - Preparation and project planning
   - Structure Analysis
   - Function Analysis
   - Failure Analysis
   - Risk Analysis
   - Optimization
   - Results Documentation
4. Summary and conclusion

Intended audiences

- Any person in charge of designing a process, and who needs to develop a control plan:
- Process Manager
- Customer Quality Manager
- Production manager / Process Engineering technician
- Project quality technician

Option

Pilot workshop at your plant (according to your needs).

Prerequisites

- Knowledge of quality management

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.

Participants will receive a certificate of participation in the training.

Your trainer

The training is conducted by a quality specialist with several years of experience in the automotive industry.

Training methodology

Based on dynamic pedagogy and teamwork, the participants will carry out practical exercises. Quiz to validate the knowledge acquired. Participant manual and specific support provided to the trainees.

Objectives

- Understand the FMEA tool and be able to lead working groups
- Apply an adapted methodology
- Lead working groups in the search of solutions to eliminate the causes of defects

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

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REVERSE FMEA

Quality Tools & Standards

QTS06
2 days
14 hours

Reverse FMEA is a structured process of continuous improvement that aims to ensure the permanent updating and progress of an FMEA (Failure Mode and Effect Analysis) study. This risk assessment method is based on reality and not predictive reliability. The purpose of the training is to introduce you to different tools which will help you perform a Reverse FMEA at your plant.

Content of training

To be updated soon

1. The objective of the FMEA and Reverse FMEA
2. What's the input data according to the FMEA?
3. Recommendation for an "effective" FMEA
4. Automatic workstation: Process FMEA or Means FMEA?
5. Reverse FMEA requirements, planning and checklist
6. Practical case studies in the shop floor

Intended audiences

- Any person in charge of designing a product, and who needs to develop a specification and/or a product control plan:
- Product Manager / Engineer
- Customer Quality Manager
- Production manager / Process Engineering technician
- Project quality technician

Your trainer

The training is conducted by a quality specialist with several years of experience in the automotive industry,

Training support

A participant's manual and specific support in English are provided to the trainees. They will be given to them on an individual USB key in the classroom or distributed by e-mail if the training is online.

Prerequisites

Knowledge of quality management and FMEA methodology.

This training can only be conducted in your plant in workshop mode.

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.
Participants will receive a certificate of participation in the training.

Training methodology

Based on dynamic pedagogy and teamwork, the participants will carry out practical exercises.

Quiz to validate the knowledge acquired.

Participant manual and specific support provided to the trainees.

Objectives

- Understanding of the Reverse FMEA tool
- Implementation of the Reverse FMEA
- Improvement of the content of your Process FMEA
- Harmonize the content of your FMEA process with your existing process

Course of the training

The training is offered in face-to-face at customer plant.

PROBLEM SOLVING MANAGEMENT:

Defect Detection, Quality Crisis, Firewalls, Fast Response/ QRQC

QTS07
2 days
14 hours

This training will allow participants to develop their knowledge of problem solving improve defect detection, manage quality crisis, manage quality firewalls, manage problem solving in the organization with Fast Response / QRQC processes, lead workshops and use specific tools like 8D, QRQC, 5Why's, PDCA. These tools will be put into practice through various exercises.

Content of training

1. Introduction to the PDCA
2. Highlight a problem
    - Occurrence sheet
3. Analyze and prioritize a problem
    - Histogram / Pareto / Multi-criteria Analysis
4. Posing the problem: 5W2H
5. Search, identify the root cause
    - Fault Tree Analysis, Ishikawa diagram, 5Why
6. Choose and implement solutions
    - Brainstorming, Action Plan, Gantt chart
7. 8D / QRQC analysis workshops
8. Fast response / QRQC process

Prerequisites

Experience in the automotive industry

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.

Participants will receive a certificate of participation in the training.

Intended audiences

- Quality Engineer / Manager
- Production Supervisor / Manager
- Technical Engineer / Manager
- Project Manager
- Any person involved in problem solving groups

Training methodology

The training will allow you to understand the process and methodology of problem solving in the automotive sector through exercises.
Quiz to validate the knowledge acquired.
Participant manual and specific support will be provided to the trainees.

Objectives

- Acquire a methodology to solve problems
- Lead problem solving workshops
- Know different problem-solving tools
- Implement and report the resolution of a problem according to the QRQC/8D methodology and Fast Response
- Develop corrective and preventive actions to avoid recurrence

Your trainer

The training is conducted by a quality specialist with several years of experience in the automotive industry

Training support

A participant's manual and specific materials in English are made available to trainees.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

ROOT CAUSE ANALYSIS: 8D / QRQC

QTS08
1 day
7 hours

This training will allow participants to develop their knowledge of problem solving methods thanks to the 8D/QRQC method & process. Trainees will put these methods into practice through exercises. The training will allow you to lead or participate in problem solving groups. It is certified by FIEV.

Content of training

1. Problem solving methods
2. 8D/QRQC analysis steps
3. Define the problem solving team
4. Posing the problem: 5W2H, recurrences
5. Search potential root causes
    - Fault Tree Analysis, Ishikawa diagram, 5Why
6. Identify the root cause with evidences
7. Define correctives solutions
8. Check action effectiveness
9. Define preventive action
10. 8D / QRQC case study

Prerequisites

Experience in the automotive industry

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.

Participants will receive a certificate of participation in the training.

Intended audiences

- Quality manager
- Production Manager
- Engineer / project quality technician
- Any person involved in problem solving groups

Training support

A participant's manual and specific materials in English are provided to the trainees.

Training methodology

The training will allow you to understand the process and methodology of problem solving in the automotive sector through exercises. You will be able to identify and eliminate the root causes of a problem.
Quiz to validate the knowledge acquired.
Participant manual and specific support will be provided to the trainees.

Objectives

- Acquire a methodology to solve a problem
- Lead problem solving working groups
- Know different problem solving tools
- Implement and report the resolution of a problem according to the QRQC/8D methodology
- Establish a team to solve a problem
- Develop actions to protect the customer
- Identify and confirm root causes
- Develop corrective actions and prevent recurrence

Your trainer

The training is conducted by a quality expert with many years of automotive experience.

Workshop option

In addition to this training session and in case of an on-site course, SNECI's trainer can perform with your teams, an 8D/QRQC workshop to resolve one of your internal problem.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

LPA – LAYERED PROCESS AUDIT

Quality Tools & Standards

QTS09
1 day
7 hours

Verification of Standard Compliance (VRS) by multilevel audits.
LPA 's depending on the company culture, are approaches that closely associate the operational management of organizations with the requirements of process monitoring.
On one hand, they reinforce the bi-directional managerial relationship between managers and their employees, and on the other hand, they aim to make each line of authority responsible on its own perimeter (for the respect of standards) and thus on its own quality performance towards their clients.
This training will enable you to implement a structured organization of LPA (post observation / multilevel audits) at all hierarchical levels by integrating it into the daily management of the workstations up to the top management level. This training is certified by FIEV.

Content of training

1. Introduction
2. Principles and definitions
3. Gains brought be LPA
4. Deployment od LPA by phases
5. LPA checklist
6. LPA planning and monitoring
7. Practical implementation
8. LPA requirements of Stellantis

Prerequisites

Experience in the automotive industry

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.

Participants will receive a certificate of participation in the training.

Intended audiences

- Team Leader
- Supervisor
- Department Leader
- Member od Management Committees
- Quality department

Your trainer

This training is conducted by a quality expert with many years of experience in automotive.

Training methodology

From the exercises, you will understand the advantage of working with standards, the role of different actors, the process of creating a standard, the implementation and the management of LPA.

Objectives

- Understand and apply the best principles of creating and managing standards at workstations
- Know how to organize and implement LPA progressively (post observation / multi-level audits) to increase compliance with standards
- Pilot and animate LPA using indicators

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

OUR COURSES IN DETAILS

Decarbonization

Automotive Essentials

Customer Specific Requirements – CSR

Quality Tools & Standards

Production & Lean Manufacturing

Purchasing & Cost Management

Logistics Standards & Tools

Automotive Safety

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5S WORKSHOP
SAFE, CLEAN & TIDY-UP WORK ENVIRONMENT

PL02
2 days
14 hours

This training enables you to know the 5S method and its application on a pilot project during a workshop with your team. 5S practice purpose is to set up a safe, clean and tidy-up work environment and set up a solid base for a continuous improvement culture.

Content of training

1. Presentation of the 5S approach
2. Description of the 5 steps
3. Visual management
4. Workshop animation description
5. Key Success Factors to maintain 5S results and to set up continuous improvement
6. 5S workshop on pilot project on a working area of your choice.
7. Action plan with remaining tasks to be performed on the Pilot Project.

Intended audiences

- Production Manager
- Lean Manager
- Maintenance engineer
- Production Supervisor
- Team Leader
- Quality Manager
- Any plant collaborator

Your trainer

The training is ensured by an expert in Production and Lean Manufacturing.

Objectives

- To understand and promote the 5S approach and the construction mode.
- To impulse the approach in one's area of belonging
- To have a critical mind and an observant eye
- To implement the 5S Method for production

Prerequisites

For the pilot project:

- Working area < 40m²
- People working on the area must participate to the workshop.
- Working area available during the workshop

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.

Participants will receive a certificate of participation in the training.

Training methodology

The teaching methodology is based on group dynamics:
the training is very practical: it alternates between methodological contributions and interactions of the participants.
On request, this training can be extended to a larger area (sector) for the deployment part.

Training support

A participant's manual and specific materials in English are provided to the trainees.
They will be given to them on an individual USB key in the classroom or distributed by e-mail if the training is online

Course of the training

The training is offered in face-to-face at customer plant.

OUR COURSES IN DETAILS

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PURCHASING
KEY SUCCESS FACTORS

PCM01
2 days
14 hours

The purchase is a strategic lever that will allow you to: (1) Develop and manage relationships with suppliers; (2) Contribute to the innovation process; (3) Control the risks; (4) Optimize costs; (5) Create value.

Content of training

1. Know and identify needs
2. Analyze the needs and express them clearly
3. Analyze the supplier market
4. Implement effective sourcing
5. Contract drafting
6. Evaluate the performance

Intended audiences

- Buyer
- Quality Department
- Logistic Service
- Commercial teams
- Administrative Department
- Anyone wishing to acquire skills in carrying out purchasing procedures

Your trainer

Our trainer has 20 years of experience as a buyer, commercial engineer and negotiator in the industrial sector.
This will be an opportunity to put into practice the latest tools in terms of sourcing, management of suppliers, negotiation and drafting of contracts.

Objectives

- Guarantee and optimize production needs at the best quality / cost / time ratio
- Guarantee and optimize savings and procurement processes by developing a technical expertise and streamlining the supplier panel
- Create, communicate, implement a purchasing strategy in line with the company's strategy

Prerequisites

Knowledge of industrial B to B markets & embrace the company's strategy.

Validation

The acquired skills are evaluated and validated at the end of the training by a QCM type test.

Participants will receive a certificate of participation in the training.

Training methodology

Courses, exercices.

The training will allow you to understand the 5 chronological phases of the purchase process. It will be based on theoretical and practical examples. During the training, the participants will carry out practical exercises.
Questionnaire for validation of the acquired skills.

Participant manual and specific support available for the trainees.

Training support

A participant's manual and specific materials in English are provided to the trainees. They will be given to them on an individual USB key in the classroom or distributed by e-mail if the training is online.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

MONOZUKURI: LEAD PRODUCTIVITY

PCM02
2 days
14 hours

This training is addressed to all public actors, managers and project managers involved in cost reduction.

Content of training

1. History of Monozukuri
2. Modern Definition of Monozukuri – Levers
3. Some public examples (Renault, PSA, EPSON,…)
4. Link with TPS (Toyota Production System)
    - TPS indicators
    - TPS videos
5. The Monozukuri, the ultimate step of Lean
    - The 25 main tools od Lean
6. The reasoning in full costs
7. The organization of Monozukuri workshops
    - The 5 building sites
    - The indicator grid to document and pilot
8. Monozukuri and Quality
    - Quality Management
    - Cost and consequences of non-quality
    - Encryption of a vehicle recall after an incident on a small piece od a complex system
9. Examples and practical cases
10. Gains collected at the end of Monozukuri
11. Quiz and QCM validation

Prerequisites

No prerequisites needed

Validation

The acquired skills are evaluated and validated at the end of the training by a MCQ test. Participants will receive a certificate of participation in the training.

Training methodology

Based on a dynamic pedagogy and teamwork, the participants will carry out practical exercises, case studies and experience sharing between participants.

Training support

A participant's manual and specific support in English are provided to the trainees.
They will be given to them on an individual USB key in the classroom or distributed by e-mail if the training is online.

Your trainer

The trainer of this training is a Purchasing, Quality and Monozukuri Expert who has many years of experience with a car manufacturer and a very good knowledge of equipment manufacturers.

Intended audiences

- Managers and Project Managers involved in cost reduction
- All actors with no prerequisites

Objectives

- This training can lead to the organization, support and management of a Monozukuri project in your factories and/or your suppliers.
- At the end of this training validated by a MCQ and a quiz, you will be able to manage a Monozukuri process.

Option

If the training takes place in your company, it can continue with an animation of a Monozukuri site on a theme chosen and prepared in advance.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

OUR COURSES IN DETAILS

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GLOBAL MMOG/LE STANDARD V6

LO01
2 days
14 hours

This training is addressed to automotive suppliers that are interested in assessing their logistics capability and highlighting the weak points in their logistics organization. Global MMOG/LE V6 standard is the right tool to achieve those objectives, continuously improve logistics standards, significantly reduce logistics costs and fulfill customer expectations. GLOBAL MMOG/LE V6 is a logistics evaluation tool recommended by GALIA/ODETTE.

Content of training

1. Introduction – History and context around Global MMOG/LE.
2. Links between Global MMOG/LE and IATF 16949.
3. Presentation of the Global MMOG/LE V6 assessment tool.
4. Update version V6.
5. Audit vs. Self-evaluation.
6. Global MMOG/LE V6 criteria by sub-chapters – Supporting evidence. Key points, documents to be validated, persons to be assessed, high-rate failure Criteria. Analysis of 45 F3 and 77 F2 Criteria V6, using the “Matrice Initiale”.
7. Presentation of the assessment process. Preparation, Visit, Kick-off meeting, interviews management.
8. Gap analysis and building the action plan – Action plan, Restitution meeting, Final report.
9. Submission of the results to the customer.
10. Follow-up process after the self-assessment – Action plan monitoring.
11. Presentation of the MMOG.np New Platform.
12. Practical exercise on the MMOG.np platform.
13. Benefits of the Global MMOG/LE approach. Benefits – Conclusion – Round table – Next steps for each participant.

Prerequisites

- Automotive experience
- Logistics knowledge

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz. Participants who successfully pass the quiz will receive an international certificate GALIA..

Training methodology

This training is animated from theoretical support. The sequences will be put into practice through the MMOG / LE Standard V6.

Intended audiences

- Plant Managers
- Logistics Managers
- Coordinators/Logistics
- Specialists/Warehouse
- Expedition Administrators
- Quality System Engineers
- Internal Auditors

Objectives

- Identify weak points and continuously improve your logistics standards
- Significantly reduce logistics costs
- Integrate the logistics department and its staff members at the right place within the organization
- Fulfill requirements of OEM customers

Your trainer

This training is conducted by a Logistics Expert certified by GALIA to perform Global MMOG/LE audits.

Option : Internal audit

In addition to this training session, SNECI trainer can perform with your teams an audit for 1 to 3 days.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

MMOG V5 to V6 transition

LO01-M1
1 day
7 hours

Training on Global MMOG/LE Standard V5 to V6 transition is addressed to automotive suppliers.

Content of training

1. Presentation of the Global MMOG/LE V6 assessment tool
2. Update version V6
3. Global MMOG/LE V6 criteria by sub-chapters – Supporting evidence. Key points, documents to be validated, persons to be assessed, high-rate failure Criteria. Analysis of 45 F3 and 77 F2 Criteria V6, using the “Matrice Initiale”.

Prerequisites

- Automotive experience
- Logistics knowledge

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz. Participants who successfully pass the quiz will receive an international certificate GALIA.

Training methodology

This training is animated from theoretical support. The sequences will be put into practice through the MMOG / LE Standard V6.

The training is conducted by a certified specialist having:

- 15 years of experience in the automotive industry in logistics. He practices with logistics requirements of OEM: GM, Ford, Daimler, BMW, Porsche, Lamborghini, VW, AUDI, Škoda, PSA, Renault, KIA, Toyota, Fiat, AvtoVAZ, and Honda.
- Experience as a specialist for logistics optimization in region CEE, auditor of logistics processes by suppliers, preparation of logistics self-assessment according to MMOG/LE standards (certified by Galia/Odette), logistics manager, purchase manager, and material planner.

Intended audiences

- Plant Managers
- Logistics Managers
- Coordinators/Logistics
- Specialists/Warehouse
- Expedition Administrators
- Quality System Engineers
- Internal Auditors

Your trainer

This training is conducted by a Logistics Expert certified by GALIA to perform Global MMOG/LE audits.

Objectives

- Review logistics standards Global MMOG
- Understand a current update of version V6 and get familiarized with changes from V5 to V6 version.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

STELLANTIS B2B PORTAL LOGISTICS TOOLS

LO02
1 days
7 hours

This training is addressed to current or potential suppliers of Stellantis Group who are interested in using all the logistics applications of the Stellantis B2B Portal.

Content of training

To be updated soon

1. General logistics documentation Stellantis, MLP, RIF, PROLOG
2. Neo Logistics : Serial life of logistics service rate
3. Logistics AMADEUS: Management of logistic suppliers failures
4. SPEED: Spare parts logistics service rate
5. Parts Origin, MIC's Supply Chain Solicitation Application (OCS-Web)
6. SPOT: Supplier performance on line tracking.
7. DEMAT, dematerialization of purchase documents
8. PLE: Electronic logistics protocol
9. CORFOU: Accounts and supplier regulation
10. Packaging and Labels
11. End of training, quiz and evaluation .

Prerequisites

- Knowledge in logistics

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.

Participants will receive a certificate of participation in the training.

Training methodology

The training is based on the structure of the logistics guidebook of Stellantis and the supplier Portal. It helps to discover all tools in the supplier portal and to meet the OEM's expectations.

Intended audiences

- Project Managers
- Key Account Managers for Groupe Stellantis Logistics Managers
- Members of Operational Logistics Team
- Any person wishing to acquire skills in the implementation of logistics processes (from planning to realization) with Stellantis.

Objectives

- Know, understand and master logistics tools of Stellantis Group Portal
- Enable teams to effectively assess logistics processes

Your trainer

This training is conducted by an Expert in Stellantis logistics projects.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

RENAULT B2B PORTAL LOGISTICS TOOLS

LO03
1 day
7 hours

This training is addressed to current or potential suppliers of Renault. This course will allow them to use all the logistics applications of the Renault B2B Portal.

Content of training

1. Supplier Logistics Guidebook
2. Renault B2B portal
3. Logistics flows
4. EDI – Expression of needs
5. CINDI project
6. Logistics documents – Labels
7. Transport ELTA – SHIPPEO new application
8. MyPack – Tool for Packaging Management
9. Logistics failures
10. IPPRFL – Service Rate
11. SQUALL application (NC management)
12. ALF (aftermarket supplier alert) - SLM Logistics Performance
13. End of training , quiz and evaluation

Prerequisites

- Logistics knowledge

Validation

The acquired knowledge is evaluated and validated at the end of the training through a quiz.

Participants will receive a certificate of participation in the training.

Training methodology

The training is based on structure of the logistics guidebook of Renault and its supplier portal.

It will help you discover all the tools in the supplier portal and meet the OEM's expectations.

Intended audiences

- Project Managers
- Key Account Managers for Renault
- Logistics Managers
- Members of Operational Logistics Team
- Any person wishing to acquire competencies in the implementation of logistics processes (from planning to realization) with Renault.

Objectives

- Know, understand and master logistics tools of Renault Portal
- Enable teams to effectively assess the logistics process

Your trainer

This training is conducted by an Expert in Renault logistics projects.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

OUR COURSES IN DETAILS

Decarbonization

Automotive Essentials

Customer Specific Requirements – CSR

Quality Tools & Standards

Production & Lean Manufacturing

Purchasing & Cost Management

Logistics Standards & Tools

Automotive Safety

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AUTOMOTIVE SYSTEM DESIGN (ISO 26262)

KM01
4 days
28 hours

This training is provided in cooperation with TÜV Rheinland. Its goal is to equip you with the knowledge needed to successfully implement the requirements of the international standard ISO 26262:2018. On the fourth day of the course, you will take an exam to become a certified TÜV Rheinland Functional Safety Engineer (Automotive).This training is conducted in partnership with Kugler Maag.

Content of training

1. Functional safety of electronic systems
2. Introduction to safety integrity (SIL, ASIL)
3. Relationships between ISO 26262 and the basic IEC 61508 standard
4. Homologation rules
5. Product liability
6. The international ISO 26262 standard
7. General methods and requirements
8. Assessing the life cycles of safety-relevant systems
9. Requirements relating to the management of functional safety
10. Requirements relating to the assessment of functional safety
11. The importance of the Automotive Safety Integrity Level (ASIL) system
12. Definition of requirements depending on the selected Automotive Safety Integrity Level

Prerequisites

Please note the TÜV Rheinland participation requirements:

- Participants must have three years' experience in functional safety.
- In addition, a university education in a technology area (e.g. as an engineer, computer scientist, physicist) is required.

Validation

To gain certification as a TÜV Rheinland Functional Safety Engineer (Automotive), you are required to:

- Pass the exam
- Have at least three years of experience in the field of functional safety.

Intended audiences

This training course is targeted exclusively at experienced engineers who are not only familiar with the development and implementation of embedded electronic systems used in vehicles but also develop systems themselves according to the ISO 26262 standard.

Duration

Training duration – 3 days
Exam duration – 1 day

Option

Participate only at the training session: no exam.

Objectives

- Functional safety affects almost everyone involved in the development of automotive electronics – managers, project managers, developers, engineers and buyers.
- Our training course provides you with detailed answers to the important questions when it comes to requirements under ISO 26262 – the key standard for the safety of electronic systems used in vehicles.

Training support

A participant's manual and specific materials in English are provided to the trainees.

They will be given to them on an individual USB key in the classroom or distributed by e-mail if the training is online.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

INTRODUCTION TO FUNCTIONAL SAFETY

KM02
2 days
14 hours

This training course provides a systematic implementation and practical application to ISO 26262 standard. If there are still gaps in your understanding of functional safety, ISO 26262 or maturity models. This course will provide you with a comprehensive overview so that you can perform tasks in accordance with current industry requirements and practices.
This training is conducted in partnership with Kugler Maag..

Content of training

1. The structure of the ISO 26262 standard – understanding how it works and what matters the most
2. Understanding how to approach projects on an organizational and project level to manage product liability risks
3. Understanding the tasks and responsibilities of a safety manager
4. Understanding phases of the safety life cycle, including activities and work products
5. Planning work, controls and monitoring
6. How to design processes in order to meet the requirements of ISO 26262 and relevant reference models
7. An overview of the requirements of ISO 26262 with a bearing on architecture, particularly related to systems, hardware and software development
8. Knowing how to manage collaboration with customers and suppliers when it comes to functional safety
9. Preparing for a functional safety assessment

Prerequisites

Participants should have three years of experience in the field of functional safety.

In addition, an academic background in a technological field (e.g. as an engineer, computer scientist or physicist) is also required.

Validation

Individual learning is assessed and validated at the end of each module.
Participants receive a certificate of participation.

Training support

A participant's manual and specific materials in English are provided to the trainees.
They will be given to them on an individual USB key in the classroom or distributed by e-mail if the training is online.

Objectives

- ISO 26262 is the internationally valid point of reference for developing safety-relevant, electronic components and systems for use in vehicles.
- Vehicle manufacturers and their suppliers must be able to prove to their customers and the authorities that their electronic systems are safe and reliable, and that they perform the required functions, despite rising levels of complexity and software.

Intended audiences

- People responsible for projects, decision-makers and safety officers
- People who require a comprehensive insight into risk scenarios and defense strategies in dealing with internal risks
- People who will be responsible for security tasks at the company in the future

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

SAFETY OF THE INTENDED FUNCTIONALITY (SOTIF)

KM03
2 days
14 hours

SOTIF helps you estimate whether the operation of an application may present potential hazards or not. So, it's not only about protecting systems against malfunctions (which is the original goal of functional safety). This new domain requires a different approach to systems analysis. This training will familiarize you with PAS 21448 and with the appropriate procedures. This is a course with practical examples to help you apply these new methods. This training is conducted in partnership with Kugler Maag.

Content of training

DAY 1
Introduction to the Theorem
- What does SOTIF actually mean?
- Challenges of ADAS systems
- Definitions and terminology
- The approach at a glance
- The approach step by step
- Ways to manage self-learning AI algorithms in a simulation environment

DAY 2
Workshops based on examples from practice
- Definition and validation of an acceptable number of false alarms
- Validation of SOTIF systems
- Verification and validation of detection systems
- Different ways to identify potential scenarios of inappropriate use

SOTIF
SOTIF (PAS 21448) looks at the specific nature or focus of functions. Until now, ISO 26262 has only looked at ways to avoid malfunctions, an approach that will no longer be sufficient with the advanced driver assistance technology used in autonomous driving systems. Now, SOTIF lays down a method for assessing the intended function of a system, also giving guidelines and examples of suitable procedures.

Intended audiences

Engineers familiar with safety-relevant electronic ADAS systems destined to be used in autonomous vehicles, e.g. safety engineers, systems engineers.

Validation

Individual learning is assessed and validated at the end of each module. Participants receive a certificate of participation.

Training support

A participant's manual and specific materials in English are provided to the trainees.
They will be given to them on an individual USB key in the classroom or distributed by e-mail if the training is online.

Prerequisites

- A general understanding of ISO 26262
- An understanding of autonomous driving, advanced automation or intelligent assistance systems (ADAS)
- A solid grasp of technical English (course materials in English)

Objectives

- Developing advanced driving assistance systems (ADAS) used for autonomous driving is a highly complex process, and a significant number of intended functions must be evaluated
- This is addressed by PAS 21448:2019. This standard provides you with an evaluation framework for spotting and estimating potential hazards to road users resulting from the intended functions of your systems

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

TÜV NORD-CERTIFIED SECURITY ENGINEER (AUTOMOTIVE)

KM04
3 days
21 hours

This course, which is certified by German technical inspectorate TÜV Nord, equips you with specific insights into different ways to develop cybersecurity requirements in an automotive environment. These include the automotive security standard ISO/SAE DIS 21434, the homologation requirements of the United Nations Economic Commission for Europe (UNECE), functional safety (ISO 26262) and the security add-on to Automotive SPICE®. This training is conducted in partnership with Kugler Maag.

Content of training

Day 1
- The motivations behind ISO/SAE 21434
- Introduction to sections 1 to 4 of ISO/SAE 21434
- Regular tasks of cybersecurity

Day 2
- Cybersecurity management
- Risk assessment methods

Day 3
- Different phases of the life cycle
- Distributed cybersecurity activities
- ISO/SAE 21434 annexes

Prerequisites

There are no formal prerequisites to participate in this course. We highly recommend a profound knowledge on systems engineering in electronic development, or on AUTOMOTIVE SPICE, or on FUNCTIONAL SAFETY. A general understanding on cybersecurity in automotive electronics is advisable as well.

Intended audiences

Training to become an Automotive Security Engineer is targeted at decision-makers and people with responsibility in the development functions of manufacturers and automotive suppliers.

Objectives

This certification course allows you to:

- Become familiar with the new ISO/SAE DIS 21434 security standard
- Understand regulations, requirements and work outputs
- Understand the background of different types of regulations
- Consolidate your understanding through exercises
- Learn about UNECE WP.29 homologation requirements
- Understand Cybersecurity SPICE, the future intacs™ add-on to Automotive SPICE®
- Explore ways to achieve your cybersecurity objectives

Training support

A participant's manual and specific materials in English are provided to the trainees.

They will be given to them on an individual USB key in the classroom or distributed by e-mail if the training is online.

Validation

Following the course, there's an exam on the last day.

If you successfully pass the exam, you will be certified by TUEV Nord as a Cybersecurity Engineer (Automotive).

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

TARA IN PRACTICE (AUTOMOTIVE)

KM04
3 days
21 hours

You will be introduced to the theory and practice of the TARA: a risk assessment method designated by the international standard ISO/SAE 21434. In the automotive industry, this ISO standard implies that the electronic systems under development in your company perform TARA several times during the entire life cycle of the vehicle or the product. According to ISO/SAE 21434, clause 8, each risk assessment is performed in seven consecutive steps. This requirement - to perform TARA on a regular and controlled basis - makes TARA the focal point of cybersecurity-focused processes. This training is conducted in partnership with Kugler Maag.

Content of training

•Motivation, Terms and Definitions
•Overview on Clause 8: Cybersecurity Risk Assessment Method
•9 steps provided by the ISO/SAE 21434
•Detailed Walkthrough
- Starting with clause 9: item definition
- Performing a TARA step by step
- Derive Cybersecurity Goals
- Derive Cybersecurity Requirements and their allocation to get the cyber security concept

•Summary and Wrap Up

The training will be performed with such MS tools as PowerPoint and Excel. Each step of creating the TARA will be documented in a prepopulated Excel-based TARA template. This template includes capturing checklists and guidance's just to name a few.
At the end of the training, you will have the detailed Excel TARA sheet at your disposal, including sample entries to complete the TARA.
For each step creating the TARA, we will use further material to bridge the knowledge gap between the mere ISO/SAE 21434 requirements and practical implementations.
Documents and methods explained and used during the course supporting the creation of the TARA will be MS STRIDE, ENISA, NIST, MITRE, UNECE, ISO 26262, ATA

Prerequisites

There are no formal prerequisites for this course. We recommend an understanding of electronic systems and of the development cycle of a vehicle or product.

Validation

Individual learning outcomes are assessed and validated at the end of each of each module. Participants receive a certificate of participation.

Training support

A participant's manual and specific materials in English are provided to the trainees. They will be given to them on an individual USB key in the classroom or distributed by e-mail if the training is online

Objectives

- Be familiar with the Risk Assessment Method of ISO/SAE DIS 21434, Clause 8, the risk-based approach on threat analysis
- Get knowledge on how to rate different impact categories, feasibility & risk value and which options we recommend
- Know which additional external sources and methods can be used beside the standard
- Hear about further guidelines and additional sources of information, such as ENISA, UNECE, MS STRIDE, …
- Gain knowledge how to apply Clause 8 to benefit from TARA within Clause 9, Concept Phase
- Be familiar with the detailed Excel-based TARA template provided in this course
- Experience how this tool is used stepwise in a case study
- Learn how to moderate a TARA session assisted with the excel tool

Intended audiences

Those employees who:

- need to perform TARA by themselves during their development projects
- want to instruct their colleagues on how to perform risk analyses regularly.
- will be responsible for cybersecurity tasks in the future.

Course of the training

The training is offered in face-to-face or online via the Teams application.
The use of a headset is recommended for distance learning.

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