IATF 16949 AWARENESS TRAINING

Course Title: IATF 16949 Awareness Training

Course Validity: 2 Days

Validity: Not Applicable

HRD Corp Scheme: Claimable

INTRODUCTION

This training provides participants with a complete understanding of the IATF 16949:2016 Automotive Quality Management System requirements. It highlights the structure of the standard, key processes, customer-specific requirements (CSR), risk-based thinking and core tools integration. Participants will gain essential knowledge on how IATF 16949 supports defect prevention, variation reduction, supply chain consistency and continual improvement across automotive manufacturing and related industries.

OBJECTIVE(S):

- Understand the structure, scope and purpose of IATF 16949:2016
- Learn key requirements and clauses within the standard
- Strengthen awareness of process approach & risk-based thinking
- Understand customer-specific requirements (CSR) in automotive industries
- Learn the importance of defect prevention and variation reduction
- Strengthen understanding of core tools: APQP, PPAP, FMEA, SPC & MSA
- Improve readiness for IATF 16949 certification implementation
- Support consistent quality performance across automotive supply chains

TARGET GROUP(S):

- QA/QC personnel & quality engineers

- Production, manufacturing & operations staff

- Process owners, supervisors & line leaders

- Internal auditors & management system implementers

- Automotive-related suppliers preparing for certification

ENTRY REQUIREMENT(S):

- Able to read, write and communicate verbally in Malay/English

TOPIC(S):

1. Introduction to IATF 16949 & Automotive QMS Requirements

2. Structure of the Standard & ISO 9001 Linkage

3. Process Approach, PDCA & Risk-Based Thinking

4. Customer-Specific Requirements (CSR) & Supply Chain Expectations

5. Defect Prevention, Variation Reduction & Continual Improvement

6. Automotive Core Tools Overview: APQP, PPAP, FMEA, SPC, MSA

7. Documentation, Evidence & Audit Readiness Requirements

8. Implementing IATF 16949 in Automotive Organisations

LIST OF REFERENCE BOOK(S):

- IATF 16949:2016 Automotive QMS Standard

- Customer-Specific Requirements Manuals (CSR)

- Automotive Core Tools Reference Materials

- ISO 9001:2015 QMS Implementation Guidelines

LIST OF TEACHING AID(S):

- LCD projector

- Computer

- Whiteboard with accessories

METHODOLOGY(S):

- Lecture

- Case studies

- Group discussions

MTBM

TRAINING SCHEDULE

Day 1

Time	Activity / Topic
8:30 am – 9:00 am	Registration and Introduction
9:00 am – 9:45 am	Topic 1: Introduction to IATF 16949 & Automotive QMS
9:45 am – 10:30 am	Topic 2: Structure of the Standard & ISO 9001 Linkage
10:30 am – 10:45 am	**Morning Tea Break**
10:45 am – 11:30 am	Topic 3: Process Approach, PDCA & Risk-Based Thinking
11:30 am – 12:30 pm	Topic 4: Customer-Specific Requirements (CSR)
12:30 pm – 1:30 pm	**Lunch Break**
1:30 pm – 2:30 pm	Case Study: Automotive Process Nonconformities
2:30 pm – 3:30 pm	Workshop: Process Mapping & Risk Identification
3:30 pm – 3:45 pm	**Afternoon Tea Break**
3:45 pm – 5:00 pm	Practical Exercise: QMS Document Review

TRAINING SCHEDULE

Day 2

Time	Activity / Topic
8:30 am – 9:00 am	Recap of Day 1 & Q&A
9:00 am – 9:45 am	Topic 5: Defect Prevention & Variation Reduction
9:45 am – 10:30 am	Topic 6: Automotive Core Tools Overview
10:30 am – 10:45 am	**Morning Tea Break**
10:45 am – 11:30 am	Topic 7: Documentation, Evidence & Audit Requirements
11:30 am – 12:30 pm	Practical: Reviewing CSR & Core Tools Interfaces
12:30 pm – 1:30 pm	**Lunch Break**
1:30 pm – 2:30 pm	Topic 8: Implementing IATF 16949 Requirements
2:30 pm – 3:30 pm	Group Exercise: Preparing for IATF Certification
3:30 pm – 3:45 pm	**Afternoon Tea Break**
3:45 pm – 5:00 pm	Final Review, Q&A & Closing