

Course code: A1103

PROCESS AUDIT FOR IATF 16949

The manufacturing process audit is put in place to decide how effective and efficient the manufacturing process is. IATF 16949 requires a manufacturing process audit to ensure conformance to quality standard. This course prepares your staff to serve as IATF 16949 Process Auditors evaluating existing quality systems against the IATF 16949 standard. Participants learn the details of each of steps of conducting an internal process audit, but specifically how to use a process focus as required by the IATF 16949 standard. The course includes exercise workshop session to help trainee to understand and be able to perform auditing so they can assess for continual improvement.

OBJECTIVE

- To describe the concept overview of the manufacturing process auditing.
- To provide knowledge on how internal audit is organized and describe how Risk-Based Thinking is applied in IATF 16949 Internal Audits.
- To describe the guidelines of management system auditing according to ISO 19011.
- To explain the importance of customer-specific requirements in the internal audit process.
- To explain role and responsibility of the internal auditor.



CONTENT

- **Session 1: Introduction**

Describe process approach and how to use process mapping to understand a process. Identify which elements impact process performance and determine measures that can be used to monitor and improve the performance of the process.

- **Session 2: Terms and Definitions**

Describe relevant terms and definitions that normally use in the internal audit system.




- **Session 3: Internal Audit Perspective of Related Standards**

Describe IATF 16949 standard requirement is implemented in conjunction with quality management system. Explain risk-based thinking fosters a proactive culture of prevention and improvement

- **Session 4: Internal Audit Process and Practice**

Describe internal auditing process that implemented in conjunction with quality management system. Explain each steps of internal audit process to improve effectiveness of the audit result. How to issue nonconformity and evaluate itemize nonconformities.



- **Session 5: Conclusion**

Conclude techniques that can lead to more effective audits and efficient outcomes.

Exercise workshop will also be delivered in each key sessions

PREREQUISITES

Knowledge in quality/safety/technical is necessary. Experience in automotive industry will be more benefit.



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