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42
74

Choose the correct answers

Qus.

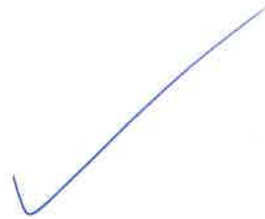
- (1). As 9100:2016 (Rev D) based on Iso 9001:2015 series of standards are based on some Quality management principles. How many principles are there?

Answer : (a). 7.



~~IX~~

- (1). Context of the organization
- (2). Leadership
- (3). Planning
- (4). Support
- (5). Operation
- (6). Performance evaluation
- (7). Improvement.



Qus:
(2).

Documents information required as per
AS 9100: 2016 (Rev D)

Answer: All A, B and C

(a). Description of relevant interest parties.

(b). Scope of QMS, including boundaries and applicability.

(c). Description of processes needed for the QMS.

Qus.

(3).

Who is responsible for ensuring that the processes are delivering their intended results?

Answer: (c) process owner

Qus.

(4).

IAQG stands and is responsible for:

Answer: (e). only A & C.

(a). International Aerospace Quality Group

(c) Oversight of Aerospace Certification/Audits

Ques.

1.

There is a failure in leak test in thermal battery.

(a) ~~Ques.~~ So, what action should be taken and what documents are made according to the AS9100D for stopping the non-conformance. Which clauses of AS9100D will come in this case.

To avoid failure in any products, the organization should establish.

(1), the processes

(2), the acceptance of products and services.

The following documents should be made according to the AS9100D,

* Design verification

A process control

- selection and verification

Q key characteristics

- process capability measurements

- statistical process control

• Design of experiments!

- verification

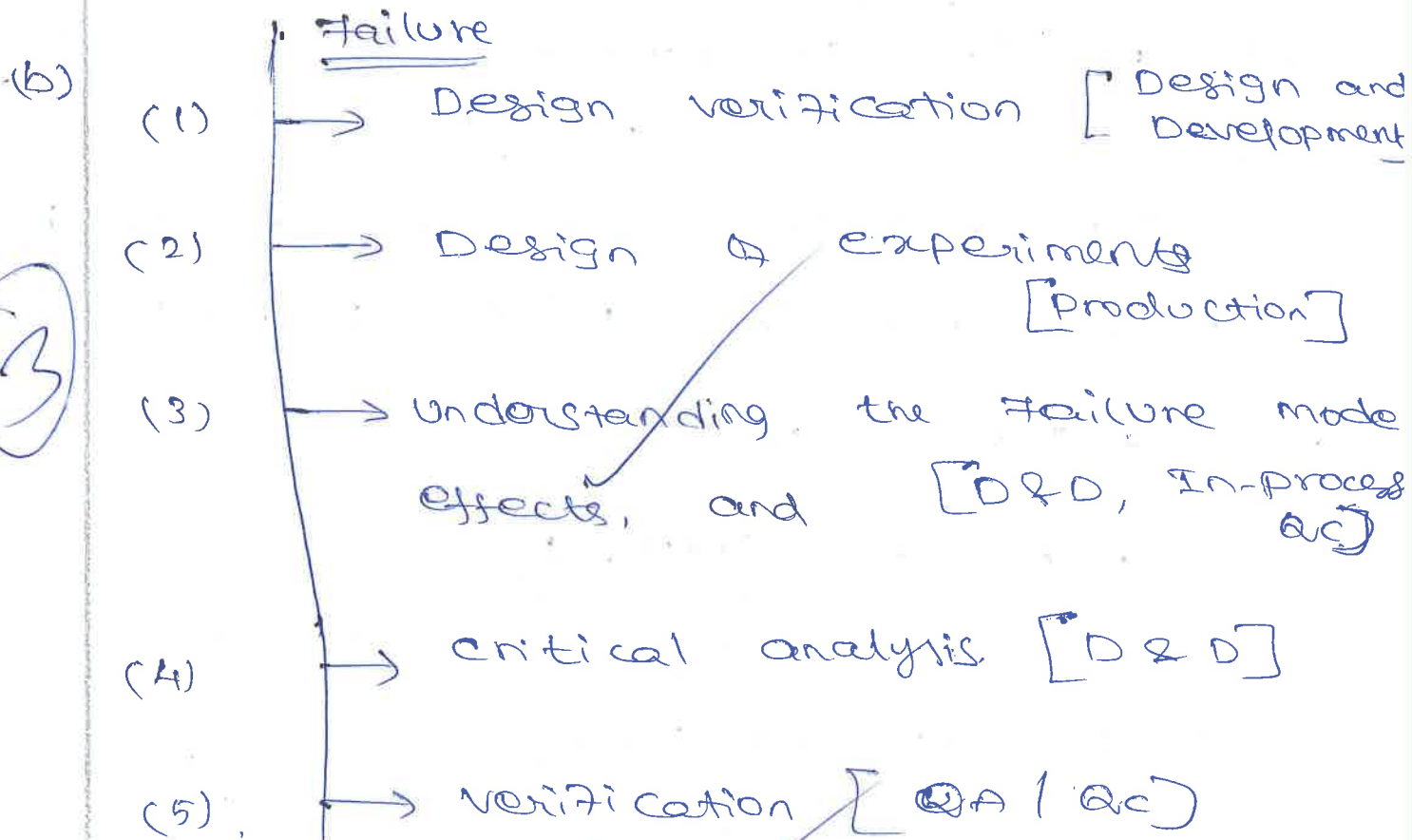
- failure mode, effects and
criticality analysis.

Changes of AS9100D

8. operation

8.1. Operational Planning and Control.

8.1. b: Establishing criteria.



(c). Quality assurance, personally ~~will be~~ and Design responsible for each step

Qus:
2.

(a) Top management (or) leadership is responsible to counterfeit and their inclusion in products delivered to the customer.
(b)

The following actions should be taken to prevent counterfeit.

(1). Training of appropriate person in the awareness and prevention. [HR]
(2). Application of a parts obsolescence monitoring program. [Purchase]

(3). Controls for acquiring externally provided product from original (or) authorized manufactures or authorized distributors or other approved sources [Purchase]

(4). Assuring traceability of parts and components to their original (or) authorized manufactures [In process QC / QA]

(5). Verification and test methodologies to detect counterfeit parts [QC]

(6). Quarantine, monitoring and reporting of suspect or detected - parts [Stores]

Qus:
(4)

Customer complain about a thermal battery failure

(a) Business team is responsible to address the complaint, and the organization shall take appropriate action including investigation and reporting.

(b) Step wise investigations will be carried out by Design and development team and Quality control team.

(c) Further reporting will be shared to the business team for further communication with the customer.

⇒ Non-compliance report

(c),

and ⇒ Investigation document

(d)

⇒ Final evaluation document

(d)

⇒ Reporting document.

Q.15
(5).

Purchase and Store

(a) Planning department. → miss ^{Interpret} ~~Interprete~~ the quantity & requirement.

Store department → miss frequent update to the purchase department

Purchase department → ~~missing~~ Frequent communication with the supplier.

(b). The purchase team should ~~not~~

initiate the order with the

alternate approved vendors and

qualified vendors to supply the

materials with maintaining compliance

and customer and ~~regulatory~~

requirements.

AS9100D : Clause 3.2 is applicable for critical items..

- Qus. (b) In-process Quality control ^{for materials} ~~to it~~
- (a) responsible department to handle
- (1) non-conforming materials.
- (b) By the traceability document, we
- (1) can verify whether similar material has been used from the supplier.
- (c) process control implement to
- (1) avoid recurrence.

- Qus. 7. Through qualified vendors and
- (a) suppliers, we can identify
- (1) alternative components ~~con~~ materials.
- (c) Through business team with valid
- (2) reason points, we can approach to customer for ~~the~~ delays.
- (d) Assessment of hazards and management
- (1) of associated risks.