

# R6.3 Requirements Point Release

**Change Summary**  
**February 2021**

# SUMMARY OF CHANGES

**Modified** = requirement has changed

**Terminology** = no change to the requirement

**Reworded** = wording changed for clarity only

No real change	Adders	Notes
	<b>3</b>	<b>1</b>

TOTAL R6.2	<b>84</b>	<b>43</b>
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TYPE	ADDERS	NOTES
Deleted	0	0
New	1	3
Modified	0	0
Reworded	3	1
Terminology	0	0
Renumbered Only	0	0
Moved	0	0
Combined	0	0

TOTAL R6.3	<b>85</b>	<b>46</b>
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# Information about this Point Release

## Source of changes

TIA QuEST Forum's Sustainability Working Group

## Reason for the changes

After a review of the Handbook, the Sustainability Working Group found several places where clarification was needed regarding requirements that include sustainability considerations. The review was performed because of questions and concerns from TL 9000 users and auditors. This resulted in 1 new requirement, 1 reworded requirement, 2 new notes, and 3 reworded notes. One additional requirement was reworded during the subsequent review of the full document by all TIA QuEST Forum participants.

## Impact

The new requirement, 9.3.2.C.1 on slide 10, expressly states the need to include the organization's sustainability assessment efforts and plans within their management review activities. This is the only change that may require action by the organization.

## Change Details

The following slides show each of the changes in this point release. The following color coding is used:

Black – unchanged text

~~Red with strike through~~ – deleted text

Blue – new text

## 4.3.C.2 TL 9000 Profile and Scope

### First List

Removed:

~~*Use of Advanced Surveillance and Reassessment Procedure (ASRP)*~~

Note: ASRP is no longer allowed for ISO 9001 and therefore is not applicable to TL 9000. This change was made during the full QuEST Forum review and not the Sustainability review.

**8.1.C.1-NOTE 1** – The life cycle model should take into consideration sustainability practices such as ~~reduction of energy~~ improved energy performance and resource consumption, ecologically-responsible disposal, and proper end-of-life treatment. A life cycle assessment should be considered to facilitate the analysis of the relevant environmental topics. See Sustainability in the Glossary for examples of environmental topics to consider.

Note: Clarified wording of Note and included additional information.

- 8.3.3.C.2 Design and Development Requirements** - Design and development requirements shall be defined and documented, and should include
- a) quality and reliability requirements,
  - b) functions and capabilities of the products and services,
  - c) business, organizational, and user requirements,
  - d) safety, sustainability, and security requirements,
  - e) manufacturability, installability, usability, interoperability, and maintainability requirements,
  - f) design constraints,
  - g) testing requirements,
  - h) product computing resources,
  - i) lessons learned from previous projects, and
  - j) hardware packaging requirements (including environmental topics).

Note: Clarified packaging requirements need to include environmental topics.

8.3.3.C.2 NOTE See Sustainability in the Glossary for examples of environmental topics to consider.

8.4.1.C.1 NOTE Sustainability requirements should be considered when selecting external providers such as, but not limited to supplier sustainability performance, supply principles or code of conduct, or internationally recognized standards.

Note: New notes provide supporting information concerning the associated requirements.



## 8.6.HV.2 Documentation Retained from Inspection and Test Activities -

Documentation retained from inspection or test activities during any part of the product's or service's life cycle shall include

- a) product or service identification
- b) quantity of product,
- c) documented procedure(s) followed,
- d) person(s) performing the test or inspection,
- e) calibrated equipment used (see 7.1.5),
- f) date performed,
- g) test and inspection results, and
- h) number, type, and as applicable, severity of defects found.

Note: Wording changed to clarify the design and development phases are included. This change was made during the full QuEST Forum review and not the Sustainability review.

9.1.3.C.3 NOTE 2 The assessment results should be considered during planning and should be appropriate to the organization, products and services.

Note: New note provides supporting information concerning the associated requirement.

**9.3.2.C.1 Sustainability Assessment Results** – The results from sustainability assessment should be reviewed during management review and areas for improvement identified (see 9.1.3.C.3).

Note: New requirement ensures sustainability is included in management review.

## Glossary –

**Sustainability:** Meeting the needs of the present without compromising the ability of future generations to meet their own needs. This includes environmental, social and economic topics such as environmental management, resource efficiency optimization, carbon footprint and ozone depletion, corporate and social responsibility, supply chain management, stakeholder engagement, organizational engagement and capability, eco-design, end to end delivery, circular economy and life cycle management.

Note: Provides more detail to the definition.

# R6.3 Training

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Review of this document