

VCD DESCRIPTION

L3 BT VACUUM COMPONENTS TP16_154

Confidentiality:	<i>UC - Unclassified</i>	TC ID/Revision:	00153854/A
WBS code:	7.0	PBS code:	SE.SS.SFT.2.2
Doc Status:	<i>DocReleased</i>	Doc Type:	<i>Description (DS)</i>
Project Branch:	<i>Engineering & Scientific documents (E&S)</i>		

This document is a part of the VCD document (with TC VCD ID# 00213844/A) which is related to the RSD "Monitorovací systém ionizujícího záření a plynů" (TC RSD ID # 00211446/C; tender # TP16_118).

Description of the Verification Control Document (VCD)
"Monitorovací systém ionizujícího záření a plynů"
TP16_118

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1. Scope and Content

1.1. Introduction

The Client provided to the Contractor sample (draft) version of the VCD which is in form of matrix and contains requirements specified in the RSD (see *Annex No 1 of the Contract*). The guideline for VCD preparation is described herein.

As written in the RSD (see chapter 14.2.1), the VCD lists the requirements to be verified with the selected methods in the applicable stages of verification process (i.e. Deliverables; see *Annex 2 of the Contract*). The VCD is a living document and provides traceability during contract phases (or Deliverables), how and when each requirement is planned to be verified and is actually verified.

The VCD represents a formal tool of communication between the Supplier and the CA (formal record, reporting tool).

Kontrolní dokument ověřování (VCD) obsahuje seznam požadavků, které mají být ověřeny za použití metod ověřování (zkouška, přezkoumání dokumentace a inspekce zařízení). VCD je živý dokument a umožňuje sledovat, během smluvních fází projektu, jak a kdy je ověřování každého z požadavků naplánováno. Stejně tak umožňuje sledovat, jak a kdy je požadavek ověřen.

REQ-024093/A

Dodavatel musí poskytnout kontrolní dokument ověřování (VCD) pro každou fázi realizace předem dohodnutou se Zadavatelem. Konečné vydání VCD musí být předloženo Zadavateli po schválení posledního protokolu z ověřování (tj. SAT), a to nejpozději v okamžiku přejímky hotového MS (viz kapitola 6.2).

*POZN.: Pokyny pro přípravu VCD (a vzor VCD) jsou uvedeny v dokumentu **RD-05** – viz kapitola 1.4 Referenční dokumenty.*

1.2. Applicable and reference documents

- | | | |
|------|---|-------------------------------------|
| [1]. | Monitorovací systém ionizujícího záření a plynů | RSD
TC# 00211446/C |
| [2]. | Verification Control Document | VCD
TC# 00213844/A |
| [3]. | Pokyny pro přípravu VCD | Vzor VCD a pokyny
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1.3. Definitions and abbreviations

For the purpose of this document, the following abbreviated terms are applied:

Abbreviation	Meaning
FAT	Factory Acceptance Tests
ID	Identification
RSD	Requirements Specification Document
SAT	Site Acceptance Tests
TC	Teamcenter
VCD	Verification Control Document

2. VCD clarification

The VCD shall collect in the form of a matrix, for each requirement, **the following verification information**:

- Requirement TC ID / Revision** (see columns **A** and **B** within the sample VCD)
 - is filled in by the Client, being based on the RSD; the requirement TC ID in the VCD is equal to the requirement TC ID in the RSD.
- Requirement text** (see column **C** within the sample VCD)
 - is filled in by the Client, being based on the RSD; the specified in the VCD requirement text is an equivalent of the appropriate requirement text in the RSD.
- Verification Method** (see column **D** within the sample VCD)
 - is filled in by the Client, being based on the RSD; the verification methods are filled in the same manner as described in chapter 2 par. 1 and 2.
- Close-out (status Yes or No, see columns E-Q within the sample VCD)**
 - Status "Yes" is appropriated to the requirement with related Deliverable in case of all associated components (assemblies) has been successfully verified for compliance with this requirement according to verification planning, executing documentation (e.g., Verification Plan, Test procedures) and it exists corresponding verification record (e.g., FAT and SAT protocols, Test reports and etc.) providing evidence that the requirement has been met for specific Deliverable. Status "Yes" is appropriated to the requirement with related deliverable in case of verification has not achieved objectives but corresponding non-conformance process was performed and resulting solution (e.g., use as is) has been applied and documented (e.g., request for waiver, request for deviation).
 - **Otherwise, status "No" is used.**
- Verification Date** (see column **R** within the sample VCD)
 - this column is fulfilled by the Contractor in collaboration with the Client, being based on the Annex 2 of the Contract - Schedule of Deliverables and the VP; the

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defined codes of Deliverables specify when the appropriate requirement will be verified by the Contractor.

6. **Document** (see column **S** within the sample VCD)
 - is filled in by the Contractor and this column is being used as link to corresponding document (its ID) and place in this document (i.e. chapter or sub-chapter) describing and defining verification approach for the appropriate requirement.
7. **Verification Record Document** (see column **T** within the sample VCD)
 - is filled in by the Contractor and this column is being used as link to corresponding Verification Record (e.g., FAT and SAT protocols, Test reports and etc.) providing objective evidence that requirement has been met or in case of verification has not been performed successfully, link to corresponding non-conformance decision applying to specific components (assemblies).
8. **Comments** (see column **U** within the sample VCD)
 - is used for notes and explanations, e.g. in order to describe the results of inspection applying to specific assemblies or unresolved/actual non-conformances.

The first version of the VCD shall be prepared by the Contractor together with QP and VP before starting verification process. This version shall be based on the RSD (see *Annex No 1 of the Contract*) and Schedule of Deliverables (see *Annex 2 of the Contract*) and shall be provided to the Client for approval. The VCD shall demonstrate when each requirement will be verified and link to the corresponded VP (see chapter 2 par. 1 and 2 for more details).

The further issues of VCD shall be provided by the Contractor in order to reflect the progress of execution of verification process at each stage. The new issue of VCD shall involve all requirements to be verified during this stage. This document serves as a tool for check if these requirements have been "Closed-out" (Yes).

The final issue of VCD shall involve all requirements to be verified after final verification of MS system by corresponding verification methods and after the all components installation at ELI. This document serves as a tool for final check if all requirements have been "Closed-out" (Yes) and could be used as a tool for final acceptance of MS system.