# ISO/IEC 29110-3-2:2018 (E)

## Systems and software engineering — Lifecycle profiles for Very Small Entities (VSEs) — Part 3-2: Conformity certification scheme

# Contents


Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Symbols and abbreviated terms

5 General requirements

5.1 General
5.2 Management of impartiality

6 Structural requirements

7 Resource requirements

7.1 Certification body personnel
7.1.1 General
7.1.2 Management of competence for personnel involved in the certification process
7.1.3 Contract with the personnel
7.1.4 Personal attributes
7.1.5 Generic SEP competence requirements
7.1.5.1 General considerations
7.1.5.2 Personnel carrying out contract review
7.1.6 Competence requirements for Personnel granting certification
7.1.6.1 General
7.1.6.2 Competences
7.1.7 Competence requirements for SEP auditors
7.1.7.1 General
7.1.7.2 Work experience
7.1.7.3 Audit experience
7.1.7.4 Audit principles, procedures and techniques
7.1.7.5 Systems and software engineering standards for VSE and normative documents
7.1.7.6 Systems and software engineering processes and reference documents
7.1.7.7 Organizational situations
7.1.7.8 Applicable laws, regulations and other requirements relevant to the discipline
7.1.7.9 Terminology, knowledge and skills in the following systems and software engineering processes
7.1.7.10 Selection of the audit team
7.2 Resources for evaluation

8 Process requirements

8.1 General
8.2 Application
8.3 Application review
8.4 Evaluation
8.4.1 Evaluation Plan
8.4.2 Audit plan
8.4.2.1 General
8.4.2.2 Determining audit objectives, scope and criteria

8.4.2.3 Preparing the audit plan
8.4.3 Audit team selection and assignments
8.4.4 Determining audit time
8.4.5 Multi-site sampling
8.4.6 Communication of audit team tasks
8.4.7 Communication concerning audit team members
8.4.8 Communication of audit plan
8.4.9 Conducting on-site and remote audits
8.4.9.1 General
8.4.9.2 Conducting the opening meeting
8.4.9.3 Communication during the audit
8.4.9.4 Observers and guides
8.4.9.5 Observers
8.4.9.6 Guides
8.4.9.7 Collecting and verifying information
8.4.9.8 Identifying and recording audit findings
8.4.9.9 Preparing audit conclusions
8.4.9.10 Conducting the closing meeting
8.4.9.11 Audit report
8.4.9.12 Cause analysis of nonconformities
8.4.9.13 Effectiveness of corrections and corrective actions
8.4.9.14 Additional audits
8.4.10 Initial certification audit
8.4.10.1 General
8.4.10.2 Stage 1 audit
8.4.10.3 Stage 2 audit
8.4.11 Initial certification audit conclusions
8.4.12 Personnel for evaluation
8.4.13 Information for evaluation
8.4.14 Resources for evaluation
8.4.15 Use of evaluations results completed prior to the application for certification
8.4.16 Nonconformities
8.4.17 Additional evaluation tasks
8.4.18 Results of evaluation
8.5 Review
8.6 Certification decision
8.6.1 General
8.6.2 Actions prior to making a decision
8.7 Certification documentation
8.8 Directory of certified VSEs
8.9 Surveillance
8.10 Changes affecting certification
8.11 Termination, reduction, suspension or withdrawal of certification
8.12 Records
8.13 Complaints and appeals

9 Management system requirements

Annex A (informative) Considerations for the audit programme, scope or plan

A.1 General
A.2 List of items for consideration

Page count: 22