

# ISO/IEC TS 33060:2025-04 (E)

## Information technology - Process assessment - Process assessment model for system life cycle processes

---

### Contents

Page

- Foreword ..... v
- Introduction ..... vi
- 1 Scope ..... 1
- 2 Normative references ..... 1
- 3 Terms and definitions ..... 1
- 4 The process assessment model ..... 1
  - 4.1 General ..... 1
  - 4.2 Structure of the process assessment model ..... 2
    - 4.2.1 General ..... 2
    - 4.2.2 Processes ..... 3
    - 4.2.3 Process dimension ..... 3
    - 4.2.4 Quality dimension ..... 3
  - 4.3 Assessment indicators ..... 4
- 5 The process dimension ..... 5
  - 5.1 General ..... 5
  - 5.2 Agreement processes (AGR) ..... 5
    - 5.2.1 General ..... 5
    - 5.2.2 Acquisition process ..... 6
    - 5.2.3 Supply process ..... 7
  - 5.3 Organizational project-enabling processes (ORG) ..... 8
    - 5.3.1 General ..... 8
    - 5.3.2 Life cycle model management process ..... 9
    - 5.3.3 Infrastructure management process ..... 10
    - 5.3.4 Portfolio management process ..... 11
    - 5.3.5 Human resource management process ..... 12
    - 5.3.6 Quality management process ..... 13
    - 5.3.7 Knowledge management process ..... 14
  - 5.4 Technical management processes (MAN) ..... 15
    - 5.4.1 General ..... 15
    - 5.4.2 Project planning process ..... 16
    - 5.4.3 Project assessment and control process ..... 17
    - 5.4.4 Decision management process ..... 19
    - 5.4.5 Risk management process ..... 20
    - 5.4.6 Configuration management process ..... 21
    - 5.4.7 Information management process ..... 23
    - 5.4.8 Measurement process ..... 24
    - 5.4.9 Quality assurance process ..... 25
  - 5.5 Technical processes (TEC) ..... 26
    - 5.5.1 General ..... 26
    - 5.5.2 Business or mission analysis process ..... 27
    - 5.5.3 Stakeholder needs and requirements definition process ..... 28
    - 5.5.4 System requirements definition process ..... 30
    - 5.5.5 System architecture definition process ..... 31
    - 5.5.6 Design definition process ..... 34
    - 5.5.7 System analysis process ..... 36
    - 5.5.8 Implementation process ..... 38
    - 5.5.9 Integration process ..... 39
    - 5.5.10 Verification process ..... 41

5.5.11	Transition process .....	42
5.5.12	Validation process .....	44
5.5.13	Operation process .....	46
5.5.14	Maintenance process .....	47
5.5.15	Disposal process .....	49
<b>6</b>	<b>The quality dimension .....</b>	<b>50</b>
<b>Annex A (informative)</b>	<b>Process outputs .....</b>	<b>52</b>
<b>Bibliography</b> .....		<b>65</b>