

ISO 25000-23 readiness kit: specimen

ISO/IEC DIS 25000-23.2, Part 23: Measurement of product quality. Edition 1, stage 40.20, second DIS ballot opened 10 September 2026.

Prepared 2026-10-22. Planning date 2027-09-16, an estimate from the stage, not an ISO date. Not legal advice; does not certify.

The board brief

Part 23 is where the SQuaRE product quality model becomes arithmetic. The draft replaces ISO/IEC 25023:2016, follows the 2023 model with nine characteristics instead of eight, and names forty measure families and thirty-one quality measure elements. It is on its second DIS ballot. The organisation does not have to wait for publication to put its measure library in order: the model, the characteristics and the measure families are public now, and the work of writing the population and the measurement function for each measure is the same before and after.

The four decisions the board is asked to note: which characteristics the organisation reports and why; who owns the measurement register; how the four model subcharacteristics without a separate measure family will be handled; and what evidence will be kept for each reported family. The kit below turns those four decisions into a dated register.

What is public, and what is not

Public in the free ISO preview: the complete 116-entry table of contents, the foreword, the introduction, clause 1 scope, clause 2 normative references, clause 3 with fifteen defined terms, and the bibliography. Not public: the text of clause 4, clause 5, clause 6 and Annexes A to E, including all forty measure families, the measures and their formulas. This pack does not state or reproduce that text. Where a page is heading only, the register says so in the Limit column.

The model today

Characteristic	Measure families in the draft
Functional suitability	3
Performance efficiency	3
Compatibility	2
Interaction capability	8
Reliability	4
Security	6
Maintainability	5
Flexibility	4
Safety	5
Total	40

The four subcharacteristics with no separate family

The 2023 model has forty-four subcharacteristics; the draft contents gives forty of them a measure family. Functional adaptability, environmental sustainability, user controllability and intervenability have no separate family heading. Whether the General subclause under each characteristic covers them is not public. The register asks the owner to decide and record how each is handled, rather than leaving the gap silent.

The dated plan

Date	Action
2026-12-03	Read the ISO record for the close of the second DIS ballot and the decision. It is the next public checkpoint, and the date is our arithmetic from the twelve week ballot, not an ISO date.
2027-01-15	Finish the gap assessment: map every measure you report to a clause 6 family, list the unmapped ones, and decide how the four model subcharacteristics without a family will be measured.
2027-03-31	Rebuild the measure index on the nine characteristics of the 2023 model, with the population and the measurement function written for every row.
2027-06-30	Collect the evidence for the families you report, and dry run the evidence pack against one product so the gaps are visible before the standard lands.
2027-09-16	The planning date. Read the published edition against this record, correct the measure index where the text differs, and update the target values.
2028-03-31	First review after publication: check the evidence pack against the published clauses and the annexes, and retire any measure the published text does not support.

The 2027-09-16 row is the planning date, an estimate from the stage. The 2026-12-03 row is our arithmetic from the twelve week ballot, not an ISO date. The rest are recommended actions, not obligations in the draft.

The register

6 rows. One row for each clause, characteristic, measure family, measurement concept and annex in the record.

Ref	Heading	What to prepare	Evidence	Owner	Due
2	Normative reference	Pin the editions of 25000, 25010 and 25020 that your quality plan cites, and write the edition years into the plan. / Check whether your measure library is indexed to the 2011 or the 2023 product quality model, because the characteristic names differ between them.		Quality manager	2027-01-15
6.2.2	Functional completeness measures	Freeze and version the requirement baseline before the measure is taken. / Record every requirement removed or added during the release, with the date and the approver.	The functional requirement baseline with an identifier and a status for every entry / A trace from each requirement to the test that shows it works	Test lead	2027-06-30
6.6.3	Availability measures	Agree the service window and the exclusion rules before reporting. / Record the monitoring coverage, including the endpoints not checked.	The agreed period, the exclusions and the maintenance schedule / The checks, their interval and their coverage of the product	Test lead	2027-06-30
6.7.5	Accountability measures	Name the fields that make an action attributable, and test the schema. / Report actions under shared accounts as unattributable.	The actor, time, object and outcome fields the record must carry / The sampled actions checked against the identity source	Test lead	2027-06-30
3.8	Quality measure	Write every reported measure as a formula with named elements, not as a label on a dashboard. / Record the population behind each element, because a ratio with an unstated denominator cannot be compared over time.		Quality manager	2027-03-31
E	Annex E: Considerations regarding measurement uncertainty in the context of ISO/IEC 17025	If a laboratory reports the measure, record the method, the population and the collection conditions as part of the result. / Write a short uncertainty note for each measure: what could vary and how much it would move the result.		Quality manager	2027-03-31

The method note

The record was read from the ISO standard record 89069 and the free ISO OBP preview on the date on the cover. The model table was read from the public DIS 25059 sample, which prints the 25010:2023 product quality model. The sector regimes named on the site are named only where a held framework exists, and a regime that is not held is

named without its text. The measures were not invented: the free preview does not carry them, and no page states them. A page marked heading only gives preparation and evidence, and says so.

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