

Project's Software Quality Plan

Standard checklist

The following table contains what the CMM describes as the recommended content of a project's software quality plan:

√	Recommended Content
	The points in the process where software quality is measured. (L4-26, A2, 1)
	The high-leverage quality goals for the software products. (L4-26, A2, 2)
	The actions that the software project will implement to improve on past quality performance. (L4-26, A2, 3)
	The activities to measure software product quality. (L4-26, A2, 4)
	Quality goals for software work products, as appropriate. (L4-26, A2, 5)
	The actions that will be taken when the software product quality is projected not to meet the quality goals. (L4-26, A2, 6)

Project's Quantitative Process Management Plan

Standard checklist

The following table contains what the CMM describes as the recommended content of a project's quantitative process management plan:

√	Recommended Content
	The goals and objectives of the quantitative process management activities. (L4-7, A2, 1)
	The software tasks or other software activities that will be measured and analyzed. (L4-8, A2, 2)
	The instrumentation of the project's defined software process. (L4-8, A2, 3)
	The quantitative process management activities to be performed and the schedule for these activities. (L4-8, A2, 4)
	The groups and individuals responsible for the quantitative process management activities. (L4-8, A2, 5)
	The resources required to perform the quantitative process management activities, including staff and tools. (L4-8, A2, 6)
	The procedures to be followed in performing the quantitative process management activities. (L4-8, A2, 7)

Level 4 Standards Checklists

Overview

Introduction This section describes the recommended content of selected work products in the CMM at maturity level 4.

Definition A *standards checklist* describes the content of a work product as recommended by the CMM.

Purpose The purpose of the standards checklists is to provide:

- Guidance in identifying the contents of standard work products that are recommended by the CMM at level 4.
- Criteria that an organization can use to evaluate its software standards to determine if they are consistent with the CMM at level 4.
- Information that can be used to develop software standards that are consistent with the CMM at level 4.

What the standards checklists are not The standards checklists contain only what is recommended by the CMM, and *are not complete standards in themselves*. For example, the standard for the software development plan (SDP) contains only content recommended by the CMM. Other sources for the content of a SDP should also be considered, such as ANSI/IEEE Std 1058.1-1987, DOD-STD-2167, DI-MCCR-80030, etc.

In this section This section covers the following standards:

Standard	KPA	See Page
Project's quantitative process management plan	QPM	L4-Standards-2
Project's software quality plan	SQM	L4-Standards-3