

DCMA 14-Point Assessment Checklist & Quick Reference

Pass/fail thresholds, formulas, and action steps for all 14 metrics

The DCMA 14-Point Assessment evaluates schedule quality across 14 metrics. Use this checklist to track each metric's pass/fail status, understand the formula, and identify what action to take if a metric falls outside its threshold.

A schedule that passes all 14 checks is considered healthy for Earned Value Management (EVM), GAO Schedule Assessment Guide, and DECM compliance.

	#	Metric	Formula	Threshold
<input type="radio"/>	1	Logic	$(\text{Tasks Missing Logic} / \text{Total Incomplete}) \times 100$	$\leq 5\%$
<input type="radio"/>	2	Leads	$(\text{Tasks with Negative Lag} / \text{Total Incomplete}) \times 100$	0%
<input type="radio"/>	3	Lags	$(\text{Tasks with Positive Lag} / \text{Total Incomplete}) \times 100$	$\leq 5\%$
<input type="radio"/>	4	Relationship Types	$(\text{FS Relationships} / \text{Total Incomplete}) \times 100$	$\geq 90\%$
<input type="radio"/>	5	Hard Constraints	$(\text{Tasks with Hard Constraints} / \text{Total Incomplete}) \times 100$	$\leq 5\%$
<input type="radio"/>	6	High Float	$(\text{Tasks with Float} > 44\text{d} / \text{Total Incomplete}) \times 100$	$\leq 5\%$
<input type="radio"/>	7	Negative Float	$(\text{Tasks with Float} < 0 / \text{Total Incomplete}) \times 100$	0%
<input type="radio"/>	8	High Duration	$(\text{Tasks} > 44\text{d Duration} / \text{Total Incomplete}) \times 100$	$\leq 5\%$
<input type="radio"/>	9	Invalid Dates	$(\text{Tasks with Invalid Dates} / \text{Total}) \times 100$	0%
<input type="radio"/>	10	Resources	$(\text{Tasks Missing Resources} / \text{Total Incomplete}) \times 100$	0%
<input type="radio"/>	11	Missed Tasks	$(\text{Tasks Past Baseline} / \text{Total Planned}) \times 100$	$\leq 5\%$
<input type="radio"/>	12	Critical Path Test	Add 600d to CP task - does completion extend 600d?	Exact
<input type="radio"/>	13	CPLI	$\text{CPLI} = (\text{CP Length} + \text{Float}) / \text{CP Length}$	1.00
<input type="radio"/>	14	BEI	$\text{BEI} = \text{Tasks Completed} / \text{Tasks Planned (Baseline)}$	1.00

Interpretation Guide

Pass all 14: Schedule is healthy and reliable for EVM, GAO, and DECM reporting. Ready for baseline.

1-3 failures: Schedule has moderate issues. Review flagged metrics, adjust in native software, and re-run the assessment.

4+ failures: Schedule quality is compromised. Critical path and logic need fundamental review before submission.

CPLI < 1.0: Project is likely behind schedule. Review critical path for overly conservative task durations.

BEI < 0.8: Team execution is significantly behind plan. Resource loading or task breakdown needs adjustment.

Run the full assessment automatically in ScheduleReader PRO

ScheduleReader PRO runs all 14 DCMA checks on any Primavera P6 .XER or .XML file in seconds. No P6 license required.

Download your free 15-day trial at:

<https://www.schedulereader.com/free-schedule-reader-trial/>

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