

Shell-NQA1-Matrix

NQA-1 2000 Subpart 2.7			Shell Method Artifact Coverage											
Section	Description	Comment	SVVP	SCMP	SQAP	SPMP	CIP	PRP	SRD	SDD	STP	IMP	DP	RTM
<i>100 General</i>														
101 Software Engineering	Scope of activities.	All except acquisition.	✓			✓		✓						
102 Definitions	Process-specific terms.	SM Glossary of terms.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>200 General Requirements</i>														
201 Documentation	Baseline document set.	Docs defined in SVVP.	✓											
202 Review	Review of documents, testing of software.	Review criteria defined.			✓									
203 Software Configuration Management	Configuration item identification and control.	Revision mgt workflow.		✓										
204 Problem Reporting & Corrective Action	Issue identification, analysis, and tracking.	Change control workflow.		✓										
<i>300 Software Acquisition</i>														
301 Procured Software & Software Services	Procurement & acceptance of 3rd party software & services.	Client procurement org.												
302 Otherwise Acquired Software	Evaluation, testing, control of acquired software.	Tracked via PRP.						✓						
<i>400 Software Engineering Method</i>														
401 Software Design Requirements	Address technical and SE requirements. Traceability.		✓						✓	✓		✓		✓
402 Software Design	Operating environment. Mitigation of problem impacts.	Risk analysis, design constraints.				✓			✓					
402.1 Software Design Verification	Completeness of design. Testing. Traceability.		✓							✓	✓	✓		✓
403 Implementation	Implementation process & products. Review.		✓		✓							✓	✓	
404 Acceptance Testing	Acceptance testing. Performance testing. Test artifacts.		✓		✓						✓			✓
405 Operation	Usage, documentation, access control, change control.	Issues tracked for later iteration.		✓						✓				
406 Maintenance	Issue tracking, software revision process.	Initiation of a subsequent iteration.	✓	✓		✓	✓							
407 Retirement	Termination of support and access to software.	Client sysadmins.												
500 Standards, Conventions, & Other Work Practices	Appropriate inclusion.	Incorporated by reference.				✓			✓	✓				
<i>600 Support Software</i>														
601 Software Tools	Evaluation and placement under configuration control.	SCMP external items. Identified in PRP.		✓				✓						
602 System Software	Evaluation and placement under configuration control.	Design constraints.							✓	✓				
<i>700 References</i>														

Legend

Full Coverage
Partial Coverage
Not Addressed