

WEAPON QUALITY ASSURANCE (WQA) BULLETIN

NNSA WEAPON QUALITY DIVISION (NA-121.3)

September 2021



NAP 401.1A, Attachment 2 Implementation Guidance, Rev. 2

Section	M&O Implementation	Federal Methods of Validating Implementation
2.3 Control of Documents	These elements are expected to be documented as part of the contractor WQMS description. The foundation for each of these elements may already be in place at a site as required by other DOE or NNSA Directives but the additional detail specified in NAP-401.1A for each of these elements is expected to be added to each of those elements to be considered part of the contractor WQMS.	QAS 1
2.4 Control of Records		
3.1 Management Commitment		
3.2 Management Review		
4.1 Training and Qualification		
5.1 Assessments		
5.2 Monitoring and Measurement of Processes		
5.3 Analysis of Data		
5.4 Continuous Improvement		
5.5 Preventive Action		
5.6 Metrology Program		
6.1 Early and Continuous Application of Quality Principles	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.1.1 Project Management	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.1.2 Risk Management	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.1.3 Configuration Management	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.1.4 Data Management	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.1.5 Mission Assignment	No M&O implementation	None
6.2 Quality Planning	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.3 Establishing & Validating Requirements	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.4.1 Design Process	DA is expected to include this as an element of their contractor WQMS description. (The DFX philosophy is not expected to be implemented until it is created in DPBPS content.)	QAS 1
6.4.2 Design Inputs	Defense Programs, DAs, and PAs implement this section by following DPBPS content (The DFX philosophy is not expected to be implemented until it has been created in DPBPS content.)	Other

Legend: DA and PA WQMS

DA WQMS

PA WQMS

Section	M&O Implementation	Federal Methods of Validating Implementation
6.4.3 Design Outputs	Defense Programs, DAs, and PAs implement this section by following DPBPS content (The DFX philosophy is not expected to be implemented until it has been created in DPBPS content.)	Other
6.4.4 Design Verification	Defense Programs, DAs, and PAs implement this section by following DPBPS content (The DFX philosophy is not expected to be implemented until it has been created in DPBPS content.)	Other
6.4.5 Design Qualification	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.4.6 Design Verification and Qualification Testing	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.4.7 Design Verification and Qualification Documentation	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.4.8 Control of Design Changes	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.5 Procurement	PA is expected to include this as an element of their contractor WQMS description, which will document the PAs existing procurement process. When R013 Appendix A is released, which will refine the parent requirements in Section 6.5, the PA will be expected to follow those requirements to meet the intent of this section.	QAS 1
6.6.1 Control of Production	PA is expected to include this as an element of their contractor WQMS description.	QAS 1
6.6.2 Production Planning	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.6.3 Production Process Verification	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.6.4 Qualification of Production Processes	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.6.5 Control of Production Process Changes	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.6.6 Control of Acceptance Equipment	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.6.7 Identification and Traceability	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.6.8 Control of Product	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.6.9 Monitoring and Measurement of Product	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other
6.6.10 Control of Nonconforming Product	PA is expected to include this as an element of their contractor WQMS description.	QAS 1
6.6.11 Corrective Action	Defense Programs, DAs, and PAs implement this section by following DPBPS content	Other

Legend: **DA and PA WQMS**

DA WQMS

PA WQMS

