

WEAPON QUALITY ASSURANCE (WQA) BULLETIN

NNSA WEAPON QUALITY DIVISION (NA-121.3)

February 2022



NAP 401.1A Requirement Mapping

PARENT REFERENCE			REQUIREMENT MAPPING												
NAP 401.1A	NNSA Policy Letter	1: PURPOSE	NONE												
		2: AUTHORITY													
		3: CANCELLATIONS													
		4: APPLICABILITY													
		5: SUMMARY OF CHANGES													
		6: REQUIREMENTS													
		6.a	R002												
		6.b	R001												
		6.c	NONE												
		6.d	R019	R004											
		7: RESPONSIBILITIES	NONE												
		7.a: NA-10													
		7.b: NA-12													
		7.c: NA-122 and NA-125													
		7.d: NA-18													
		7.e: NA-121													R004
		7.f: NA-121.3	R004												
		7.g: F/PO MANAGERS	R004												
		7.h: F/PO WQA LEADS	R004												
		8: DEFINITIONS	NONE												
9: CONTACT	NONE														
NAP 401.1A	Attachment 1	1: REQUIREMENTS	NONE												
		2: RESPONSIBILITIES													
		2.a: CONTRACTORS													
		2.a(1)													
		2.a(2)													
		2.a(3)													
		2.a(4)													
		2.a(5)													
		2.a(6)													
		2.a(7)													
		2.a(8)													
		2.a(9)													
		2.a(10)													R013
2.a(11)	R013	C001	R019	T047	R017										

PARENT REFERENCE			REQUIREMENT MAPPING																					
NAP 401.1A	Attachment 1	2.b: PRIMARY STANDARDS LABORATORY (PSL)	NONE																					
		2.b(1)	R028																					
		2.b(2)	R028																					
		2.b(3)	R028																					
		2.b(4)	R028																					
NAP 401.1A	Attachment 2	1.0: INTRODUCTION	NONE																					
		1.1 Scope	NONE																					
		2.0: DOCUMENTATION REQUIREMENTS	NONE																					
		2.1 NSE WQMS	Contractor WQMS (DA & PA)																					
		2.2 Contractor WQMS																						
		2.3 Control of Documents																						
		2.4 Control of Records																						
		3.0: MANAGEMENT RESPONSIBILITY																						
		3.1 Management Commitment	Contractor WQMS (DA & PA)																					
		3.2 Management Review																						
		4.0: RESOURCE MANAGEMENT																						
		4.1 Training and Qualification																						
		5.0: MEASUREMENT, ANALYSIS AND IMPROVEMENT																						
		5.1 Assessments	Contractor WQMS (DA & PA)																					
		5.2 Monitoring and Measurement of Processes																						
		5.3 Analysis of Data																						
		5.4 Continuous Improvement																						
		5.5 Preventive Action																						
		5.6 Metrology Program	Contractor WQMS (DA & PA)																					
		6.0: PRODUCT REALIZATION																						
		6.1: EARLY & CONTINUOUS APPLICATION OF QUALITY PRINCIPLES												NONE										
		6.1.1 Project Management												R001	R008	T067	T133							
		6.1.2 Risk Management												R001	R009									
		6.1.3 Configuration Management	DPBPS GAP																					
		6.1.4 Data Management	R001																					
		6.1.5 Mission Assignment	D&P 1.6																					
		6.2: QUALITY PLANNING	DPBPS GAP																					
		6.3: ESTABLISHING AND VALIDATING REQUIREMENTS	R001	R008	R012																			
		6.4: DESIGN	NONE																					
		6.4.1 Design Process	Contractor WQMS (DA only)																					
		6.4.2 Design Inputs	DPBPS GAP																					
6.4.3 Design Outputs	R001	R003	C019	T045	R013	R019	T027	T030	T031	T032	T033	T034												
	T035	T036	T037	T038	T039	T040	T041	T044	T049	T053	T089	T093												
	T097	T099	T100	T112	T122	T123	T127	T131																
6.4.4 Design Verification	R001																							
6.4.4.1 Design Reviews	R001																							
6.4.5 Design Qualification	R001																							
6.4.5.a	R001	R019	T046	T076	T077																			
6.4.5.b	R001	R019	T046	T076	T077																			
6.4.5.c	R001	R019	T046	T076	T077																			

PARENT REFERENCE		REQUIREMENT MAPPING																			
NAP 401.1A	Attachment 2	6.4.5.d	R001	R019	T046	T076	T077														
		6.4.6 Design Verification and Qualification Testing	R001	T030																	
		6.4.7 Design Verification and Qualification Documentation	R019	T149	D&P 2.2	R017															
		6.4.8 Control of Design Changes	R003	T044	T045	R019															
		6.5: PROCUREMENT	R013	T038	R019	D&P 2.2															
		6.6: PRODUCTION	NONE																		
		6.6.1 Control of Production	Contractor WQMS (PA only)																		
		6.6.2 Production Planning	R001																		
		6.6.2(1)	R001	R019																	
		6.6.2(2)	R001	R019																	
		6.6.2(3)	R019	R001																	
		6.6.2(4)	R001	R019																	
		6.6.2(5)	R001	R019																	
		6.6.3 Production Process Verification	R001																		
		6.6.4 Qualification of Production Processes	R001	R005	R019	T046	T077														
		6.6.5 Control of Production Process Changes	R019																		
		6.6.6 Control of Acceptance Equipment	TBP-701																		
		6.6.7 Identification and Traceability	R001	R013	T027	C001															
		6.6.7.a	C001	R013	T027																
		6.6.7.b	R019																		
		6.6.7.c	R013	T028	C001	R013	T029	R019	T088												
		6.6.7.d	R013	T028	C001	R013	T029	R019	T088												
		6.6.7.e	R013	T028	C001	R013	T029	R019	T088												
		6.6.7.f	TBP-306																		
		6.6.7.g	TBP-306																		
		6.6.8 Control of Product	NONE																		
		6.6.8.a	R013	T027																	
		6.6.8.b	R019																		
		6.6.8.c	R019																		
		6.6.8.d	R019																		
		6.6.9 Monitoring and Measurement of Product	NONE																		
		6.6.9.a	R019																		
		6.6.9.b	R019	D&P 2.2																	
		6.6.9.c	R019																		
		6.6.9.d	R019																		
		6.6.9.e	R019																		
		6.6.9.f	R001	R019																	
		6.6.10 Control of Nonconforming Product	Contractor WQMS (PA only)																		
		6.6.11 Corrective Action	T047																		
		7.0: NNSA PRODUCT ACCEPTANCE	NONE																		
		7.1: GENERAL	NONE																		
7.1.a	R001																				
7.1.b	R013																				
7.1.c	R013	R004																			
7.1.d	R004																				

PARENT REFERENCE			REQUIREMENT MAPPING											
NAP 401.1A	Attachment 2	7.1.e	NONE											
		7.1.f												
		7.2: NNSA ACCEPTED PRODUCTS												
		7.2.a	D&P 1.1 Sec 5.1.3											
		7.2.b	R019											
		7.2.c	R005	R013										
		7.2.d	NONE											
		7.2.e	R019											
		7.2.f	R019											
		7.3: GOVERNMENT FURNISHED MATERIAL	NONE											
		7.3.a	R019											
		7.3.b	R019	T139										