

NRM Concepts and Activities		Characteristics for Individual needs and requirements									Characteristics for Sets of needs requirements				
		Necessary	Appropriate	Unambiguous	Complete	Singular	Feasible	Verifiable	Correct	Conforming	Complete	Consistent	Feasible	Comprehensible	Able to be validated
		C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
SECTION 6: DESIGN INPUT REQUIREMENTS DEFINITION															
6.2	Perform Design Input Requirements Definition	X	X					X	X		X	X	X	X	X
6.2.1	Transforming Needs into Design Input Requirements	X			X						X				
6.2.1.1	Organizing Sets of Design Input Requirements		X							X	X				
6.2.1.2	Considerations For Each Type Of Requirement				X			X	X		X				
6.2.1.4	Appropriate to Level		X												
6.2.1.5	Managing Unknowns			X	X		X	X	X						
6.2.2	Establish Traceability	X									X	X			
6.2.2.1	Establishing Traceability Between Dependent Peer Requirements											X			
6.2.3.6	Interface Requirements Audit	X			X			X	X		X	X			X
6.2.5	Plan for System Verification							X							
6.2.6.2	Completeness, Correctness, and Consistency								X		X	X			
6.2.6.3	Requirements Feasibility and Risk	X	X				X						X		
6.3	Baseline and Manage Design Input Requirements	X		X	X		X		X		X	X	X	X	X
6.4.3	Allocation – Flow Down of Requirements		X								X	X			
6.4.4	Defining Child Requirements that Meet the Intent of the Allocated Parents										X				
6.4.5	Budgeting of Performance, Resource, and Quality Requirements										X	X			
6.4.7	Use of Traceability and Allocation to Manage Requirements	X							X		X	X			X
SECTION 7: DESIGN INPUT REQUIREMENTS VERIFICATION & VALIDATION															
7.1.2	Perform Design Input Requirements Verification	X		X	X			X		X	X	X			X
7.2	Design Input Requirements Validation														X
7.2.2	Perform Design Input Requirements Validation	X		X	X		X		X		X	X	X	X	X
SECTION 8: DESIGN VERIFICATION AND DESIGN VALIDATION															
8.1	Design Definition Process Overview			X	X		X	X	X		X	X	X	X	X
8.2	Early System Verification and System Validation			X	X		X	X	X		X	X	X	X	X
8.4	Design Verification			X	X		X	X	X			X			
8.5	Design Validation										X	X	X	X	X
SECTION 14: NEEDS, REQUIREMENTS, VERIFICATION, & VALIDATION MANAGEMENT															
14.2.1	Baseline Needs, Requirements, and Specifications	X		X	X		X		X		X	X	X	X	X
14.2.4	Managing Unknowns			X	X		X	X	X			X			
14.2.7	Combine Allocation and Traceability to Manage Requirements	X							X		X				X
14.2.8	Managing Interfaces										X	X			X
14.2.9	Managing System Verification and System Validation							X							X