

TSC Category	Engineering Construction, Operations and Maintenance					
TSC	Systems Integration					
TSC Description	Realise the system-of-interest by progressively combining system elements in accordance with design requirements and the integration strategy					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
			EGS-SYS-3006-1.1	EGS-SYS-4006-1.1	EGS-SYS-5006-1.1	
			Ensure sub-systems integration and perform systems verification and validation activities to identify non-conformance	Verify systems integration in accordance with systems integration strategy, sequence and procedures	Establish systems integration strategies and systems integration sequence and procedures	
Knowledge			<ul style="list-style-type: none"> Systems integration activities Documentation methods for systems integration Systems verification and validation plans Methods to verify and validate systems Process of preparing verification and validation environment Types of anomalies or conformance Types of systems verification outcomes Systems verification and validation process Components of systems verification reports 	<ul style="list-style-type: none"> Systems integration activities Types of work products from systems integration activities Methods to validate lower-level systems Types of corrective action for systems conformance 	<ul style="list-style-type: none"> Systems integration strategy Systems integration sequence and procedures System integration enabling products Components of systems integration plans Configuration documentations System validation plans 	
Abilities			<ul style="list-style-type: none"> Perform preparatory tasks for systems verification and validation Perform systems verification and validation Identify verification and validation anomalies or conformance Document systems verification and validation findings 	<ul style="list-style-type: none"> Validate lower-level systems Assemble and integrate sub-systems Review systems verification and validation plan Verify the readiness of the systems verification environment Analyse systems verification and validation outcomes 	<ul style="list-style-type: none"> Establish the systems integration strategy Establish systems integration sequence and procedures Review specification and configuration baselines against systems verification tests Review systems verification and validation outcomes, anomalies and non-conformances 	

				<ul style="list-style-type: none">• Recommend corrective actions for systems conformance	<ul style="list-style-type: none">• Verify appropriateness of corrective actions to ensure systems conformance	
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