



CICES DIGITAL CIVIL ENGINEERING SURVEYOR (CES) SPECIALIST PROJECT CONTROLS COMPETENCIES MARCH 2025

SPECIALIST COMPETENCIES – Project Controls – 2025

The Project Controls CES competencies are split into core and specialist competencies.

OPTIMUM STANDARDS

Each of the activities under the competencies must be signed off to a specific standard, indicated by one of the letters A, K, E or B. The definitions of these are given below.

A	Appreciation	A general awareness of the activity is required. This could be acquired by reading a magazine article or attending a CPD event.
K	Knowledge	This standard requires a more detailed level of knowledge understanding of the activity. This could be acquired by undertaking a training course or other type of study but not necessarily put into practice e.g. a subject area on a degree course.
E	Experience	To reach this standard the activity must have been performed independently or under supervision. This may be achieved by undertaking the activity in a work context over a period of time. Experience of the activity or subject should follow on and be additional to appreciation and knowledge in that subject area.
B	Ability	To be able, without supervision, to perform relevant functions and be able to supervise other less experienced staff. This may be evidenced by the undertaking of management roles or experience gained over time.



Project Controls Spec 01	Competency		Project planning and pre-contract cost control							
Item	Optimum		Activity Detail	Date of Assessment						
	Technical	Member		A	K	E	B			
A	K	K	Describe the elements present in a project budget at pre-contract phase.							
B	K	E	Development of cost plans or spread of a tender budget along with identification of cost drivers for civil engineering works.							
C	K	E	Management of the project control measures and communicate the project strategy and baseline for post contract award monitoring							
D	K	K	Various engineering design delivery options covering Employer/Consultant design, innovation and Contractor design and construct.							

Name of Supervisor:	Name of Applicant:
Supervisor's Signature:	Date:



Project Controls Spec 02	Competency		Bills of Quantities, Schedules of Rates and Activity Schedules						
Item	Optimum		Activity Detail	Date of Assessment					
	Technical	Member		A	K	E	B		
A	K	E	Various uses of Bills of Quantities, Schedules of Rates and Activity Schedules and their preparation in accordance with standard methods of measurement.						
B	K	K	Describe the different risks associated with measurement and pricing carried out under remeasurement contracts, lump sum contracts and target cost/cost reimbursable contracts and design and construct contracts.						
C	K	E	Support structured information management through common code sets such as WBS/CBS						
D	K	E	Evaluation of the impact of change on the risk, programme or cost profile and the demonstration of this by quantitative means.						

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Project Controls Spec 03	Competency		Project Management Reporting							
Item	Optimum		Activity Detail	Date of Assessment						
	Technical	Member		A	K	E	B			
A	K	E	Assessment of financial performance through analysis of the quantity of work completed to arrive at cost/value and budget reconciliation reporting							
B	K	E	Analyse progress against the programme and highlight any areas of concern. Communicate reasons for failures to meet progress expectations and propose mitigation action were appropriate.							
C	K	E	Communicating the performance of project trading accounts and the financial outturn forecasts against budget for management purposes and their impact on project objectives.							
D	K	B	Prepare regular progress updates and reports to meet the project management requirements.							
E	K	B	Identify and report Key Performance and Result Measures, for example Earned Value Management/Analysis.							
F	K	E	Establish internal and external monitoring and reporting for non-financial performance							
G	K	E	Describe the effects of disruption on resources and progress, and methods of demonstrating disruption effects							
E	K	K	Communicate the effects of the projects threats and opportunities in relation to Risk Management							



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Project Controls Spec 04	Competency		Information Management							
Item	Optimum		Activity Detail	Date of Assessment						
	Technical	Member		A	K	E	B			
A	K	E	Establishment of appropriate measures to monitor progress during the course of the project and to communicate corrective action and/or mitigation measures where required.							
B	K	K	Establish and maintain appropriate audit and testing process and procedures to ensure compliance with the business processes and project objectives, instigating corrective action and/or mitigation measures where necessary.							
C	K	E	Advise on and support appropriate processes and procedures for the management of performance information flows across project interfaces.							
D	K	B	Collation of reporting calendar for project delivery, business reporting and contractual requirements.							
E	K	E	Manage reporting and data collation responsibilities to meet business and project performance information requirements							

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Supervisor's Signature:	Date:



Project Controls Spec 05	Competency		Leadership and Communication							
Item	Optimum		Activity Detail	Date of Assessment						
	Technical	Member		A	K	E	B			
A	K	B	Demonstrate clear and concise communication skills to convey project controls information, targets, and updates.							
B	K	B	Empower team members to make decisions within their areas of responsibility, fostering a sense of ownership and accountability.							
C	K	E	Encourage a proactive approach to risk identification and fosters a risk-aware culture within the project team.							
D	K	E	Effectively manages conflicts within the project controls team and collaboratively resolves issues to maintain a positive work environment.							
E	K	B	Builds and maintains strong relationships with clients, stakeholders, and project partners, ensuring their needs are understood and addressed through project controls processes.							

Name of Supervisor:	Name of Applicant:
Supervisor's Signature:	Date: