Institute of Commissioning & Assurance (ICxA)

Gate Review Crosswalk

New South Wales: Gate 5, Readiness for Service

Version 0.1, November 2026

Infrastructure NSW reviews capital projects at Gate 5, Readiness for Service, under the Infrastructure Investor Assurance Framework. The review investigates the agency's readiness for service and the asset's suitability for handover into operations.

The review comes late. By the time it is held, systems have been tested or not, the operating organization has been recruited and trained or not, and procedures have been written or not. A review team can report what is missing, but there is little time left to fix it. The ICxA readiness criteria describe the evidence that answers the gate's question, and most of that evidence can be examined long before the last gate.

What readiness covers

Readiness is the condition in which sufficient evidence is available for a decision to proceed (ICXA-10001 cl. 8.1). It applies at every point of commitment in a project, not only at the end: readiness to commit, to proceed, to integrate and to operate. It covers the asset and its systems, which must be designed, procured, built, tested and integrated so that each system works with the others. It covers the organization that will operate the asset: its people, its organization, its care of the asset, and its systems and processes. It also covers the interfaces and contracts between the parties, and the evidence and governance on which each decision rests.

What can be checked before the last gate

Stage	What the evidence shows	Criteria
At the investment decision and through engineering: the path	Operating outcomes are defined. Stage-gates, criteria and evidence needs are set in advance. Roles and independence are assigned. A systems completion strategy and an operational readiness plan exist.	A01, A02, A04, B01, B03, C01, C02, D01, E01
During procurement and construction: the progression	Readiness is in the master schedule. Interfaces and vendor deliverables are tracked. Systems are being completed by system. People, organization, asset and systems capability are developing on time. Reviews are held and recorded.	A03, B02, B04, C03, C04, D02, D03, D04, D05, E02, E04, F01, F03
From commissioning to operations: the condition	Testing is prepared and complete for each system, and systems work together. Deficiencies and deferred work are controlled. Transfer follows a recorded review and acceptance. Ramp-up is monitored.	C05, C06, D06, E03, F02, F04

The grouping is ICxA guidance. Each project defines its own stage-gates and readiness conditions under the ICxA Standards, so the timing on a given project follows what that project has defined. The 28 criteria are set out in full in the ICxA Readiness Audit Criteria, at icxa.net/readiness-audit-criteria.

Gate 5 key focus areas and the ICxA criteria

Source: Gate 5 Gateway Review, Infrastructure NSW. The workbook is organized by key focus areas.

Key focus area and what it examines	Related ICxA criteria	Earliest stage the evidence exists
Service Need: whether operations will achieve the business case benefits, and whether testing and commissioning are planned with the asset owner or operator	A01, C01, C05	The path
Value for Money and Affordability: whether there is enough contingency and resourcing to complete testing, commissioning and handover	A03, F02	The progression
Interdependencies and Interfaces: whether interfaces are resolved before completion and commissioning into the wider network is agreed	B02	The progression
Governance, Decision-Making and Culture: roles during commissioning, and accountabilities for handover and initial operations	B01, B03, B04	The path
Risk Management: testing and commissioning risks, and risks passing to the owner at handover	F01, F02	The progression
Asset Owner's Needs: owner readiness, the handover plan, owner sign-off, and asset information	D01, D04, D05, D06	The path
Change Management: whether owner readiness is assessed and tracked, the workforce is prepared, and early operation is monitored	D02, D03, F04	The progression

How to read this crosswalk

The mapping is ICxA's reading of the published gate document, made at the level of review area. It has not been reviewed or endorsed by the body that owns the gate, whose own guidance governs how its reviews are run. ICxA welcomes correction from the gate owner and will prepare a mapping to individual review questions on request.

The crosswalk does not replace a gate review. It shows what a review team, a sponsor or a delivery body can ask to see earlier, so that the final review confirms a condition that has been building and does not discover one that is missing.

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