



DEWICK
G A S S O C I A T E S

NCC 2019 SECTION J CHANGES

WHAT YOU NEED TO KNOW

You may have heard about the 2019 updates to the National Construction Code (NCC) over the last twelve months and wondered what they mean. Well, now is the time to get up to speed with the changes as this legislation is in full effect. To help you out, we have put together an overview of the changes to NCC 2019 Section J in a brief Technical Note which can be accessed via this link.

So, what do the changes mean for you, as a contractor, with projects currently on site or being tendered at the moment? First of all, check with the Building Certifier to establish which code your project is being assessed under – version NCC 2016 or NCC 2019? This is important as a wrong assumption may cause issues at handover. Secondly, read our short summary of things to cross-check below:

- **Building Fabric:** Minimum total system R-value requirements of NCC 2019 Section J for roof and ceiling constructions are generally consistent with previous performance requirements and R-values should be calculated in accordance with AS / NZS 4859.2:2018. However, be careful when selecting the roofing colour or finish, as the newer, more stringent requirements will impact the finishes and colour selections available.
- **Glazing / Wall Construction:** When selecting glazing / wall materials, make sure that you use the new NCC Façade Glazing Calculator to ensure compliance, and look specifically at construction details to ensure thermal bridging requirements have been met.
- **Mechanical Systems:** Ensure that the NCC Section J Checklist is completed by a qualified Engineer for all projects, to prove compliance including control methodologies; fan, pump, boilers, chillers performance and ductwork / pipework insulation provision. Additionally, check with your equipment manufacturers to ensure all equipment is compliant with NCC 2019 Section J before your order.
- **Lighting:** If proposing alternative lighting selections, make sure the W/m² of the system is recalculated by a qualified Engineer and review the controls strategy to ensure it is in accordance with the original design and in compliance with NCC 2019 Section J.

Don't hesitate to contact Dewick & Associates if you need assistance in understanding the NCC 2019 Section J changes or help implementing them into a project. We can provide a full set of engineering services for D&C projects in addition to contractor support for traditional design contracts.

Let Dewick & Associates know if you have a project we can help with; O&M Manuals, Builders' Manuals, Maintenance Matrices, Engineering, Commissioning Plans or As Installed Drawings. We look forward to hearing from you and working together.

Lou and the team at Dewick & Associates

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OUR RECENT PROJECTS:



Hydraulic O&M Manual | BaptistCare Five Dock

D&A documented the details of this hydraulic installation within a manual for Quick Plumbing.



Mechanical and Hydraulic O&M Manuals | John Flynn Private Hospital Specialist Suites

D&A worked with Ascot Air Services and EEP Plumbing to document the mechanical and hydraulic components of these specialist suites.



Fire and Security O&M Manuals | Mount Clear Aged Care

D&A worked with Zero Fire Services and Switched On Fire & Electrical to provide separate O&M manuals for the wet fire, dry fire and security services of this project.



Mechanical Commissioning Plan + O&M Manual | Yaram and District

D&A provided JO Miller with a complete portfolio of mechanical documentation for this healthcare project.

