

Dunedin City Council (DCC) Fire Design Guidance

For all buildings, fire designs are required to comply with New Zealand Building Code clauses C1 to C6 - Protection from Fire. The following recommendations are designed to allow fast, cost effective building consent approval:

- Fire designs (except those demonstrating *full* compliance with an acceptable solution) be undertaken by chartered professional engineers, non-chartered professional engineers or appropriately qualified fire designers.
- Chartered professional engineers to have current fire design competency.
- Non-chartered professional engineers or fire designers to be on the Southern Building Control Cluster Group Producer Statement Register (a peer review may still be requested).
- Designers to seek peer review if they do not have previous experience in the size, type and complexity of work.

Producer Statements have been widely adopted throughout the New Zealand building industry. One function of PS1 and PS2 producer statements is to provide Building Consent Authorities (BCA) with reasonable grounds to be satisfied that design work complies with the Building Code.

Producer statements recommended for various compliance options:

- Full compliance with C/AS1 or C/AS2 -
 - No Producer Statement requirements.
- C/AS1 or C/AS2 Using <u>MBIE Guidance</u> for "Statement of Changes" for score under 12 -Producer Statement unlikely to be required.
- C/AS1 or C/AS2 Using <u>MBIE Guidance</u> for "Gap Assessment," with score under 20 and an as near as is reasonably practicable (ANARP) submission -

Producer Statement Type 1 (PS1).

A Producer Statement Type 2 (PS2 – Peer review) may be requested depending on the complexity of the building.

C/VM2 – Verification Method or Alternative Solution

Producer Statement Type 1 (PS1).

Producer Statement Type 2 (PS2).

Notes:

- We recommend PS2s are provided by independent Chartered Professional Engineers with current fire design competency. For further guidance on Producer Statements and Peer Review, see Engineering New Zealand (ENZ) practice notes 1 and 2.
- Not following this guidance may make it more difficult for the BCA to be satisfied that fire design complies with the Building Code. This can result in increased processing time and/or a request for peer review.

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