

Dry fire hydrant system installation booster cabinet and signage

Where building designs incorporate a dry fire hydrant option, e.g. as per National Construction Code (NCC), Specification S17C2¹, Queensland Fire and Rescue (QFR) recommends the following be incorporated in all designs and installations:

- A hydrant booster cabinet, recess, or enclosure should be provided as per AS 2419.1 – 2021, Clause 11.2.2.
- Doors on hydrant booster cabinets, recesses or enclosures should have signage affixed as follows:
- 'DRY FIRE HYDRANT BOOSTER INLET' as per AS 2419.1 – 2021, Clause 11.3.1 (b) and should be 50 mm minimum lettering on a contrasting background.
- A block plan should be displayed including details as per AS 2419.1 – 2021, Clause 11.5 showing the location and distance of the primary feed hydrant (within 60 m of the booster inlet) and to include any secondary hydrant. FPAA101D sprinkler floor isolation valve locations for each level should be included as well as other details outlined in QFR position statement regarding the 'Provision of block plans and location diagrams'.
- Labels, signs or location plates required by AS 2118.5, as amended by FPAA101D, should be etched, engraved or printed on plastic and clearly visible and readable at the expected viewing distance.
- Hydrant valves should have, in a prominent position adjacent to each valve (within 200 mm), a permanently affixed and engraved sign clearly visible when facing the hydrant. Signs should have 25 mm minimum lettering on a contrasting background that reads 'DRY FIRE HYDRANT SYSTEM MUST BE BOOSTED PRIOR TO ANY FIREFIGHTING'.
- A test facility should be provided as per AS 2419.1 – 2021 at the most disadvantaged hydrant and in each pressure zone and/or tower of a united building.

QFR may request a completed Form 71 prior to, or at inspection.

¹ NCC 2022 Reference S17C2