

Dry fire hydrant system installation booster cabinet and signage

Where building designs incorporate a dry fire hydrant option, e.g. as per NCC, Specification E1.5a, QFES 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 – 2005, Clause 7.8 (except for the reference to Figure 7.4).
- Doors on hydrant booster cabinets, recesses or enclosures should have signage affixed as follows: - 'DRY FIRE HYDRANT BOOSTER INLET' as per AS 2419.1 – 2005, Clause 7.10.2(a) and should be 50 mm minimum lettering on a contrasting background.
- A block plan should be displayed including details as per AS 2419.1 – 2005, Clause 7.11 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 QFES' 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 be in 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 – 2005 at the most disadvantaged hydrant and in each pressure zone and/or tower of a united building.

QFES may request a completed Form 71 prior to, or at QFES inspection stage including Parts B, D, and E.