

Feed Hydrant and Booster Assemblies

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1. PURPOSE

The purpose of this guideline is to address booster assembly issues not covered under AS 2419.1-2005.

2. SCOPE

When fire brigade booster assembly enclosures are provided, they must be installed in accordance with AS 2419.1-2005, Sections 7.1, 7.8, 7.9 and 7.10.

3. FIRE RESCUE VICTORIA (FRV) NOTE

When fire brigade booster assembly enclosures are provided, FRV recommends that the enclosures are to be mounted and fixed to a solid concrete base, as per AS 2419.1-2005, Figure 7.4.

4. OMISSION OF FIRE BRIGADE BOOSTER ASSEMBLY ENCLOSURES

Where a fire hydrant system is provided to serve a building or site, and it is intended that the fire brigade booster assembly be provided without an enclosure, the Fire Rescue Commissioner recommends that the following criteria be satisfied, in addition to the requirements contained within Section 7 of AS 2419.1-2005:

- the work area directly in front of the booster assembly (on the allotment), out to the pumper hard stand area to be maintained as a clear flat finished surface (preferably concrete) to facilitate a safe working area for firefighters who will be using high pressured hose and equipment in this area and prevent the pumper becoming disabled due to “bogging”
- the area surrounding the booster assembly is to be cleared of vegetation for a two metre radius.

Associated signage (block plan, max pressure, isolation valves) are to be of weather-proof construction, etched into either heavy duty plastic (UV resistant), or non-ferrous metal and be robustly mounted so as to be readable by a firefighter when operating the equipment.

FRV will also allow a PVC tube to be connected to the up-stand of the booster assembly to store block plans within.

5. REFERENCES

Standards Australia 2005, Fire hydrant installations system design, installation and commissioning, AS 2419.1, Standards Australia, Sydney

Note: *this is a controlled document and may only be modified by authorised personnel after review by FRV Fire Safety Advisory Group.*