

### Performance and Compliance Check

### Level 1 and Level 2 Faults

#### LEVEL 1

- Are the materials used fit for their intended purpose and where required appropriately authorised?
- Are the cross-connection control and backflow protection provisions in accordance with the standards?
- Have the design / installation specifications been checked and met?
- Are the required minimum flow rates met?
- Has any alarm system, where fitted, been tested?
- Where required have all the testing and commissioning checks been activated?
- Have the water levels in tanks been established?
- Have all the approved identification markings been installed?
- Has the installation been commissioned by an approved practitioner?

#### LEVEL 2

- Does the installation have the correct pipework support?
- Does the installation have the correct depth of cover?
- Where required does the installations have frost protection?
- Are the sprinklers clear of obstructions?
- Do the storage tanks comply?
- Has a site plan been provided at each alarm activation device?
- Has a record of disposition and location been provided to the occupier?
- Are the hose reels the correct stipulated length as per the PCA?
- Do the cabinets have the correct markings on the front door?
- Have all the warning signs been provided?

# Audit

## 95: Fire Protection

- Where required, has a modification application been submitted and approved?
- Have the manufacturer's installation instructions been adhered to?
- Has the class of plumbing been indicated on the compliance certificate?
- Where relevant, has documentation for a performance solution been provided?

### REFERENCES

Does the installation comply with the minimum industry standards:

- AS 2118 Fire sprinkler systems
- AS 4118 Fire sprinkler systems
- AS/NZS 3500.1: Plumbing and drainage / Water services
- AS 2441: Installation of fire hose reels
- AS 2941: Fixed fire protection installations – Pump set systems
- AS 2419: Fire hydrant installations Part 1: System design, installation and commissioning,
- AS 2419.2: Fire hydrant valves
- The requirements of Part B4 of the Plumbing Code of Australia (PCA)
- The relevant manufacturer's Installation Instructions
- The Plumbing Regulations 2008

### NOTES

The standards and audit items listed on this checklist are intended as a guide only and are not an exhaustive list.

Other standards may be applicable to the installation and should be referenced as required, additionally Audit items may alter dependent on actual work conducted and final installation.

Practitioners are advised to check that they are using the most current edition of the prescribed standards at the time of installation.