

# Audit

## 95: Fire Protection

### (Fire System Pump Set)

## 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 and pressure rates met?
- Have all the approved identification markings been installed?
- Is the installing practitioner accredited in the class of plumbing?
- Has the system been pressure tested?
- Has a site plan been provided at each alarm activation device?

#### LEVEL 2

- Have the correct supports and fixings been used?
- Have all the warning signs been provided?
- 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 an acceptable Performance Solution been provided?

#### REFERENCES

Does the installation comply with the minimum industry standards:

- AS 2118.9: Automatic fire sprinkler systems – Piping support and installations
- AS/NZS 3500.1: Plumbing and drainage Part 1: Water services
- AS 2441: Installation of fire hose reels

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- AS 2941: Fixed fire protection installations – Pump set systems
- 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.