

Audit

5: Cold Water Plumbing

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?
- Is the water supply system designed / installed to prevent contamination?
- Are the cross-connection control and backflow protection provisions in accordance with the standards?
- Has the installation passed the required hydrostatic test?
- Has the installation been designed to deliver the water temperature less than 40 Celsius?
- Does the storage tank/s have overflow provisions that comply?

LEVEL 2

- Have the correct flow rates at outlets within a building been achieved?
- Does the installation have the minimum internal diameter pipe size?
- Has the static pressure at outlets within a building been maintained at or below 500 kPa?
- Does the installation comply with the proximity of other services?
- Do all the valves, cisterns, taps and pressure relief valves perform?
- Where required does the installation have isolating valves?
- Does the installation have the correct pipework support?
- Does the installation have the correct depth of cover?
- Where required does the installation have the appropriate frost protection?
- Where required does the irrigation and lawn watering systems comply?
- Has the installation been tested and commissioned?
- Where penetrating concrete has the pipe work been protected?
- Has the pipe work been labelled correctly?

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- Have the requirements for disability purposes been met?
- 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/NZS 3500.1: Plumbing and drainage Part 1: Water services
- AS/NZS 3500.5: Plumbing and drainage Part 5: Housing installations
- AS 1428.1: Design for access and mobility - General requirements for access - New building work
- AS 1428.2: Design for access and mobility - Enhanced and additional requirements - Buildings and facilities
- The requirements of Part B1 of the Plumbing Code of Australia (PCA)
- The Plumbing Regulations 2008
- The relevant manufacturer's Installation Instructions

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.