

# Audit

## 4: Drainage

### (Below Ground Stormwater)

## 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?
- Does the excavation comply with Worksafe requirements?
- Is the discharge capacity adequate for the catchment?
- Does the installation have the required gradient?
- Is the drain laid in the correct bedding material?
- Is the backfill material adequate to ensure the drain is protected?
- Does the drain have an overflow provision?
- Where required is a reflux valve installed?
- Does the installation of the drain for charged / displacement systems comply?

#### LEVEL 2

- Where required have inspection openings been installed?
- If a retention system is installed has a surcharge outlet point been provided?
- Have approved covers been provided on inspection risers?
- Have the minimum cover requirements been met?
- Does the bedding and bedding material comply?
- Did the drain pass the required pressure test?
- Is the drain installed in an easement / public space compliant?
- Is the drain constructed in an approved size?
- Is the design of the drain to an acceptable standard?
- Has the stormwater pit been constructed appropriately?
- Where required, has a modification application been submitted and approved?

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- 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 3500.3: Plumbing and drainage Part 3: Stormwater drainage
- AS/NZS 3500.5: Plumbing and drainage Part 5: Housing installations
- The requirements of Part D1 & D2 of the Plumbing Code of Australia
- 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.