

# Audit

## 2: Septic Tank Installation

### 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?
- Where required has provision been made for a drain installed in unstable/water charged ground?
- Does the bedding and bedding material comply?
- Does the backfill material comply?
- Is the drain the correct size?
- Does the gradient of the drain comply?
- Does the installation have overflow provision via an overflow relief gully?
- Is the installation adequately protected from storm water infiltration?
- Are all the discharges contained on site?
- Does the system have the required ventilation upstream of the septic tank/treatment plant?
- Have any EPA and local council requirements been met?
- Have the permit conditions been met?
- Do the absorption lines comply with AS/NZS 1547, site conditions and permits?
- Does the installation comply with the relevant standards?

##### LEVEL 2

- Has concrete been applied where required under fittings?
- Are the access and inspection covers accessible on the treatment tank?
- Does the installation maintain adequate clearances from other services?
- Has the drain been air tested?
- Does the on-site treatment system comply with the site conditions?

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- Has the system been constructed in a position to avoid damage?
- Are the distribution pits constructed in accordance with the code?
- 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?
- Has the installation been inspected by the local council?

### REFERENCES

Does the installation comply with the minimum industry standards:

- AS/NZS 1547: On-site domestic wastewater management
- Site permit conditions or any EPA requirements if applicable
- AS/NZS 3500.2: Plumbing and drainage Part 2: Sanitary plumbing and drainage
- AS/NZS 3500.5: Plumbing and drainage Part 5: Housing installations
- AS/NZS 1546.1: On-site domestic wastewater treatment units - Septic tanks
- AS/NZS 1546.2: On-site domestic wastewater treatment units - Waterless composting toilets
- AS/NZS 1546.3: On-site domestic wastewater treatment units - Aerated wastewater treatment systems
- The requirements of Part C2 of the Plumbing Code of Australia (PCA)
- 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.