

SS 7 – Automatic Backflow Preventers

Specified System Description

System Status

New

Modified

Removed

System Type

Reduced Pressure Zone Devices

Double Check Valve Assemblies

Pressure Type Vacuum Breakers

Atmospheric Vacuum Breakers

Hose Connection Vacuum Breaker

Other (specify):

Connection Location

Connected to a potable water supply and contained entirely within the property boundary of the building it is servicing.

Contained partially within the property boundary of the building it is servicing and is not owned by the network utility operator (NUO).

Standards

Performance / Installation Standards

AS/NZS 2845.1:2022 Water supply – Backflow prevention devices, Part 1: Materials, design and performance requirements.

AS/NZS 2845.1:2010 Water supply - Backflow prevention devices, Part 1: Materials, design and performance requirements (Amendment 1, 2014).

AS/NZS 2845.1:2010 Water supply - Backflow prevention devices, Part 1: Materials, design and performance requirements.

AS/NZS 2845.1:1998 Water supply - Backflow prevention devices, Materials, design and performance requirements.

AS 2845.1:1991 Water supply - Mechanical backflow prevention devices - Materials, design and performance requirements.

AS/NZS 3500:1:2021 Plumbing and drainage, Part 1: Water services (Amendment 1, 2022).

AS/NZS 3500:1:2018 Plumbing and drainage, Part 1: Water services (Amendment 1, 2019).

Specifically designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so. *(Details provided)*

Other: *(specify)*

Inspection Standards

AS/NZS 2845.3:2020 - Section 2.

AS 2845.3:2010 - Section 2.

New Zealand Backflow Testing Standard 2019 - Field testing of backflow prevention devices and verification of air gaps (Authored by Master Plumbers, Gasfitters, and Drainlayers Inc and Water NZ).

New Zealand Backflow Testing Standard 2011 - Field testing of backflow prevention devices and verification of air gaps (Authored by Master Plumbers, Gasfitters, and Drainlayers Inc and Water NZ).

Specifically designed solution prepared by a person who, on the basis of experience and qualifications, is competent to do so. *(Details provided)*

Other: *(specify)*

Maintenance Standards

AS/NZS 2845.3:2020 - Section 2.

AS 2845.3:2010 - Section 2.

New Zealand Backflow Testing Standard 2019 - Field testing of backflow prevention devices and verification of air gaps (Authored by Master Plumbers, Gasfitters, and Drainlayers Inc and Water NZ).

New Zealand Backflow Testing Standard 2011 - Field testing of backflow prevention devices and verification of air gaps (Authored by Master Plumbers, Gasfitters, and Drainlayers Inc and Water NZ).

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Other: *(specify)*

Inspections, Maintenance and Reporting

Minimum Inspection and Maintenance Procedures

Regular inspection, testing, planned preventative maintenance and responsive maintenance will be carried out in accordance with the nominated performance and inspection standard/document to ensure backflow preventer system provides protection to the drinking water supply.

Inspection and Maintenance - Frequency and Responsibility

Depending on the type of installation and its performance standard:

Annually: by IQP

Standard / Other document: *(specify)*

Reporting:

The owner will keep records of all inspections, maintenance and repairs undertaken in the previous 24 months. These will be recorded in the On-Site Log Book, which will remain on the premises with the most recent compliance schedule, and as a minimum include:

- Details of any inspection, test or preventative maintenance carried out including dates, works undertaken, faults found, remedies applied and the name of the person who performed the work.
- Form 12A provided annually by the IQP.

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