

Standards Alert

Updated Deemed to Comply (DTC) drawings - Emergency Relief Structures are now available

These documents provide users with:

- New solutions for inline check valves at stormwater outlets.
- New solutions for inline check valves in chambers.
- New solutions for a variety of ERS arrangements.

Why have the DTC drawings been updated?

Due to the demand from users, the DTCs have been updated to provide new solutions for larger inline check valves in chambers and stormwater discharge points.

What are the key changes?

DTC drawings 2401 to 2418 have been updated. Key changes include:

- Larger diameter inline valve installation at stormwater outlets, now up to DN750.
- Larger diameter inline valve installation within chambers, now up to DN600.
- New integrated chamber design for weirs and valves that accommodates larger check valves and reduce chamber footprint
- New inline check valve solution for internal clamp installation.

How do these changes impact users and what are the key benefits?

Reduction in cost and improved sustainability impact by reducing chamber footprint and materials used.

Reduces time and cost to projects by providing a broader suite of DTC drawings avoid the need for a bespoke design.

Improved operational performance by reducing risk of ragging and removing sharp edges.

Inclusion of clamp type inline check valves provides lower associated product and installation cost.

When can I use the new DTC?

The new and updated DTC drawings can be used on projects commenced after the publication date. There is no requirement to apply them retrospectively.

Project Managers have discretion to apply DTC drawings on projects that commence prior to publication date where they offer project benefits.

How do I apply the new DTC?

The following documents guide you on how to use the DTCs;

- Instructions in the drawings
- Emergency Relief Structure Headwall & Duckbill Check Valve Arrangement Guideline (Document Number D0001964)
- Planning guideline to modify or construct an emergency relief structure (Document Number AMQ0041).
- DTC drawings terms and conditions of use

Where can I find the new documents?

The new guideline is available on;

- [iConnect](#) (for our staff)
- [SWDelivery Portal](#) (for our delivery partners)
- [Sydney Water website](#) (for public users)

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How can I provide feedback?

If you have any feedback on the DTC drawings and guideline, please contact the author by email at: standards@sydneywater.com.au.

Please feel free to pass this alert onto others that may benefit.

