

Standards Alert

Updated specifications for sewer rehabilitation are now available.

The following specifications for sewer rehabilitation have been published:

- SS 201 – Linings for Circular Non-Person-Entry Sewer Pipes (v4)
- SS 202 – Localised Sewer Repairs from Inside (v3)
- SS 203 – Lining of Circular Person-Entry Concrete Pipes (v3)
- SS 207 – Junction Sealing for Circular Non-Person-Entry Sewer Pipe (v5)
- SS 209 – Lining Repairs of Non-Person-Entry Oviform Sewers (v4)

These specifications provides users with a set requirements for the design, supply, and installation of rehabilitation works for existing Sydney Water sewers.

Why have the specifications been updated?

The above sewer rehabilitation specifications have been updated to:

- Incorporate improvements identified through Deviation from Standards requests
- Address stakeholder concerns with design and testing requirements
- Align with current industry standards and practices

What are the key changes?

Key changes from the previous version include:

- General alignment with the industry standard *ASTT DS-D001 – Design for Structural Renovation of Pipelines by Internal Lining – Circular Non-pressure Pipelines*
- Post-installation testing requirements relaxed or removed, including leakage testing, monitoring of longitudinal shortening and internal dimensions, final hydrostatic testing, and trial excavations
- Standardisation of chemical resistance requirements across all specifications
- Execution/installation requirements amended to focus on outcome over method

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

The changes are primarily aimed at reducing conservatism, relaxing existing requirements, and improving clarity and consistency. The intended benefits include:

- Reduction in cost and time associated with design, supply (materials), installation, and testing of sewer linings and other rehabilitation works
- Reduction in material/resource usage and associated carbon footprint, as well as sustainability benefits
- Improved understanding and more consistent application of the specifications across all projects, particularly for post-installation testing
- Improved quality assurance and compliance with specifications due to more practical/feasible requirements
- Greater flexibility to use alternative methodologies that achieve equivalent outcomes
- Greater alignment with established industry standards and procedures



When can I start using the new specifications?

New or updated standards generally apply only to projects that begin after the standard's publication date. There is no need to apply them retrospectively. However, in exceptional cases—such as those involving critical safety risks—early adoption may be advised.

Where can I find the new versions?

The specifications are available on:

- [iConnect \(for SW staff\)](#)
 - [SS 201](#)
 - [SS 202](#)
 - [SS 203](#)
 - [SS 207](#)
 - [SS 209](#)
- [SWDelivery Portal \(for SW contractors\)](#)
 - [SS 201](#)
 - [SS 202](#)
 - [SS 203](#)
 - [SS 207](#)
 - [SS 209](#)
- [Sydney Water website \(for external users\)](#)
 - [SS 201](#)
 - [SS 202](#)
 - [SS 203](#)
 - [SS 207](#)
 - [SS 209](#)

How can I provide feedback?

If you have any feedback on these specifications, please contact the author by email at:
standards@sydneywater.com.au.

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