

# Overview of Incorporations by Reference for the Wastewater Rules, Docket No. 58-0116-2501

## IDAPA 58.01.16, Wastewater Rules

### Required by Idaho Code § 67-5223(4)

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Rulemaking Docket No. 58-0116-2501 describes incorporation by reference of engineering design and principles found in the 2020 Idaho Standards for Public Works Construction (ISPWC).

The ISPWC is the primary specifications governing the design, construction, and inspection of public infrastructure across the state. The ISPWC is updated on average every 5 years to reflect current engineering practices, regional conditions, and administrative needs. While not a federally required document, the ISPWC is widely adopted by Idaho cities, counties, and public utilities to ensure uniform, high-quality construction practices across jurisdictions.

The ISPWC encompasses a broad range of public works infrastructure, including water systems, sewer systems, stormwater drainage, street construction, grading, trenching, and related civil works. It is organized into multiple technical divisions, each detailing standard specifications for materials, installation methods, quality control procedures, and measurement/payment requirements. It also includes standardized drawings, contract forms, and project manual templates that support consistent procurement and administration of public works projects.

The document is technically rigorous and assumes a working knowledge of civil engineering, construction practices, and contract administration. It references national standards such as ASTM and AWWA, and includes Idaho-specific adaptations for climate, soils, and regulatory requirements. As such, the ISPWC is primarily intended for use by licensed engineers, public works directors, contractors, and agency reviewers.

In Docket 58-0116-2501, DEQ proposes to update the incorporation by reference date of certain sections of the ISPWC from 2007 to 2020, the most recent version at the time of negotiated rulemaking. For reference, the table below identifies the features in the 2020 edition for those sections, 401.2.9, 401.3.4, 401.3.6, 501.3.4, and 505.3.3, incorporated in this rule docket. No substantive changes were made to these sections between the 2007 and 2020 editions.

Overview of Incorporations by Reference for the DEQ Surface and Wastewater Division

<b>Section</b>	<b>2007 Edition</b>	<b>2020 Edition</b>
§ 401.2.9 – Mechanical Joint Restraint for Sewer/Water Pipe	Specifies conformance to certain ANSI/AWWA or ASTM standards. Specifies DEQ approval is needed for belowground installation.	Specifies conformance to ANSI/AWWA or ASTM standards. Specifies DEQ approval is needed for belowground installation.
§ 401.3.4 – Thrust Blocks	Thrust block installation standards.	Thrust block installation standards.
§ 401.3.6 – Leakage Testing of Pressure Pipe	Procedure and limits for leakage testing of installed pressure pipe.	Procedure and limits for leakage testing of installed pressure pipe. The 2020 Edition includes a different formula for calculation of allowable leakage, as updated in the 2008 version of the ISPWC.
§ 501.3.4 – Inspection and Testing of Gravity Sewer	For installed gravity sewer pipe, includes procedures and criteria for: visual inspection, air pressure testing, hydrostatic exfiltration testing, large pipe diameter testing, pipe cleaning, deflection tests, and closed circuit television inspection.	For installed gravity sewer pipe, includes procedures and criteria for: visual inspection, air pressure testing, hydrostatic exfiltration testing, large pipe diameter testing, pipe cleaning, deflection tests, and closed circuit television inspection.
§ 505.3.3 – Flushing and Testing of Pressure Sewer Pipe	Specifies requirements for testing of installed pressure sewer pipe and refers to testing protocol in section 401.3.6.	Specifies requirements for testing of installed pressure sewer pipe and refers to testing protocol in section 401.3.6.