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**Code for Construction and Acceptance of Water and
Sewerage Pipeline Works**

给水排水管道工程施工及验收规范

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Contents

1	General Provisions	(1)
2	Terms	(2)
3	Basic Requirements	(5)
3.1	Basic Requirements for Construction	(5)
3.2	Basic Requirements for the Quality Acceptance	(8)
4	Earthwork and Foundation Treatment	(12)
4.1	General Requirements	(12)
4.2	Construction Dewatering and Drainage	(13)
4.3	Trench Excavation and Support	(14)
4.4	Foundation Treatment	(19)
4.5	Trench Backfill	(20)
4.6	Acceptance Quality Level	(24)
5	Major Structures for Pipeline with Trench Installation	(29)
5.1	General Requirements	(29)
5.2	Pipeline Foundation	(33)
5.3	Steel Pipe Installation	(34)
5.4	Anticorrosion Inside and Outside the Steel Pipe	(39)
5.5	Ductile Cast Iron Pipe Installation	(48)
5.6	Installation for Reinforced Concrete Pipe and Prestressed (Self-stressing) Concrete Pipe	(49)
5.7	Installation for the Prestressed Concrete Cylinder Pipe	(51)
5.8	Installation of Fiber Glass Reinforced Plastics Pipe	(53)
5.9	Installation for UPVC, PE and Their Compound Pipe	(54)
5.10	Acceptance Quality Level	(56)
6	The Major Structure for Trenchless Installed Pipeline	(71)
6.1	General Requirements	(71)
6.2	Working Shaft	(78)
6.3	Pipe-jacking	(83)
6.4	Shield	(94)
6.5	Shallow Undercutting Method	(100)
6.6	Directional Drill and Pipe Ramming	(107)
6.7	Quality Acceptance Level	(114)

7 Major Structures of Immersed Pipeline and Bridging Pipeline Construction	(138)
7.1 General Requirements	(138)
7.2 Immersed Pipeline	(140)
7.3 Bridging Pipeline	(152)
7.4 Acceptance Quality Level	(156)
8 Subsidiary Structures of Pipeline	(167)
8.1 General Requirements	(167)
8.2 Shaft Room	(167)
8.3 Pier	(170)
8.4 Gully Hole	(171)
8.5 Acceptance Quality Level	(171)
9 Function Test of Pipeline	(176)
9.1 General Requirements	(176)
9.2 Water Pressure Test for Pressure Pipeline	(177)
9.3 Water Obturation Test for Non-pressure Pipeline	(183)
9.4 Pneumatic Pressure Test for Non-pressure Pipeline	(186)
9.5 Flushing and Sterilizing of Feed-water Pipelines	(187)
Appendix A Subdivisional Works, Divisional Works and Unit Works	
Division for Water and Sewerage Pipeline Works	(189)
Appendix B Quality Inspection Acceptance Record of Subdivisional,	
Divisional and Unit Works	(192)
Appendix C Injecting Water Method Test	(200)
Appendix D Water Obturation Method Test	(202)
Appendix E Pneumatic Pressure Method Test	(204)
Appendix F Measurement and Evaluation Method of Concrete	
Structure Non-pressure Pipeline Water Percolating	(207)
Appendix G Evaluation Method on Appearance Quality Defect of the	
Reinforced Concrete Structure	(210)
Appendix H Polyurethane (PU) Coating	(211)
Explanation of Wording in This Code	(214)

1 General Provisions

1.0.1 This Code is formulated with a view to strengthen the construction management, specify construction technology, unify construction quality inspection and acceptance standard as well as ensure work quality for water and sewerage (hereinafter referred to as "water and sewerage") pipeline works.

1.0.2 This Code is applicable to construction, extension and reconstruction for the construction and acceptance of outdoor water and sewerage pipeline works in urban public facility and industrial enterprise; but not applicable to construction and acceptance of water and sewerage pipeline with special requirements in industrial enterprise.

1.0.3 Variety, specification and property of raw material, semi-finished product and finished product used for water and sewerage pipeline works must comply with requirements of relevant national standards and design requirements; products contacting the drinking water must comply with relevant sanitary requirements. Eliminated and unallowable products public proclaimed by the nation must not be used.

1.0.4 For the construction and acceptance of water and sewerage pipeline works, not only the requirements stipulated in this Code, but also those in the current relevant ones of the nation shall be complied with.

2 Terms

2.0.1 Pressure pipeline

This Code refers to water and sewerage pipeline with working pressure of greater than or equal to 0.1MPa.

2.0.2 Non-pressure pipeline

This Code refers to water and sewerage pipeline with working pressure of less than 0.1MPa.

2.0.3 Rigid pipeline

It mainly relies on pipeline with ducted body material strength supporting the external force, the pipeline deformation is small under external load effect, and the pipeline invalidation is due to control of pipe wall strength. This Code refers to reinforced concrete, prestressed (self-stressing) concrete pipeline and prestressed concrete cylinder pipeline.

2.0.4 Flexible pipeline

Pipeline with obvious deformation under external load effect, the vertical load is mainly balancing by elastic resistance generated by soil mass on both sides of the pipeline, and the pipeline invalidation is generally caused by deformation instead of by pipe wall destruction. This Code mainly refers to ductile cast iron pipeline of steel pipe, chemical building material pipe and flexible joint.

2.0.5 Rigid joint of pipelines

Pipeline joint that cannot bear a given amount of axial linear deflection and relative angle deflection, such as pipeline joint by cement materials sealing or by flange connection.

2.0.6 Flexible joint of pipelines

It is the pipeline joint that can bear a given amount of axial linear deflection and relative angle deflection, such as pipeline joint tight coupling by materials like rubber ring.

2.0.7 Chemical material pipelines

This Code refers to a general designation for fiberglass pipe or fiber glass reinforcement thermosetting plastic pipe ("fiber glass reinforced plastics pipe" for short), unplasticized polyvinyl chloride pipe (UPVC), polyethylene pipe (PE), polypropylene pipe (PP) and their steel-elastic compound pipe

2.0.8 Canal; ditch; channel

It refers to conveyance water passage for heterotype (non-round) sections like rec-



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