

Engineering & Construction Services Division Standard Specifications for Sewers and Watermains

Revision No. 15

September 2018

TS	Superseded	Revised/New	Remarks
No.	(Remove)	(Insert)	
TS 4.02	Nov 2016	Nov 2017	 Construction Specification for Sewer Bypass Flow Pumping for Trunk Sewers Section 4.02 Scope; second paragraph revised. Section 4.02.04 Design and Submission Requirements; item (b) revised, item (c) new. Flood control Plan added to last paragraph. Subsection 4.02.04.01 Temporary Sewer Bypass Plan; 5th, 10th, 11th and 12th bullet point revised. 6th and 28th bullet point new. Subsection 4.02.04.02 Spill Response Plan; 3rd bullet point new. Subsection 4.02.04.03 Flood Control Plan; new subsection. Subsection 4.02.06.01 Pumps and Pumping Redundancy; first paragraph revised. Subsection 4.02.06.02 Temporary Sewer Bypass piping and Redundancy; second and third paragraph revised. Subsection 4.02.07.02 Operation and Maintenance; seventh paragraph revised. Second last paragraph new. Section 4.02.10 Payment; revised to include prorated payments. Appendix 4.02-A; item (b) with sub-items (i), (iii), (vi) and (viii) revised. Item (d) revised. Item (f) new.

TS No.	Superseded (Remove)	Revised/New (Insert)	Remarks
TS 7.30	Sep 2017	Sep 2018	 Procedure for Disinfecting Watermains Section 7.30.02 References; form TS 115 title revised. Drawing T-1104.03-3 removed. Section 7.30.03 Definitions; Backflow Prevention term reordered. Subsection 7.30.06.02 Selection, Installation and Testing Backflow Preventer; first and last paragraph rewritten. 3rd and 4th bullet point deleted. Section 7.30.07 Construction; paragraph deleted. Clause 7.30.07 Construction; paragraph deleted. Clause 7.30.07.01.03 Precaution before Disinfection; item a) rewritten. Clause 7.30.07.01.04 Pressure Testing and Disinfection; added sentence about TS 441. Clause 7.30.07.02.01 Submission of Disinfection Proposal Plan; item 4) new, remaining items renumbered. Last paragraph revised. Clause 7.30.07.02.02 Supervision, Testing and Records; second paragraph rewritten. Clause 7.30.07.03.02 Tapping Sleeves; first sentence revised. Clause 7.30.08.01.01 Flushing and Swabbing; first paragraph is new. Second paragraph deleted second sentence. Fourth paragraph revised regarding chlorinated water to discharge to storm inlet. Clause 7.30.08.01.02 Valve Operation Sequence; second sentence revised. Clause 7.30.08.03 Flushing after Disinfection; Third sentence revised. Clause 7.30.08.04 Final Filler Piece Connections and Appurtenances; clause deleted, remaining clause renumbered. Subsection 7.30.09.02 Water Sampling and Bacteriological Testing; sampling points clarified, entire subsection revised. Subsection 7.30.09.03 Re-disinfection; first paragraph deleted, second paragraph rewritten. Subsection 7.30.09.04 Sampling for Short Filler Pieces and Appurtenances; removed reference to clause TS 7.30.08.04 in first paragraph. Subsection 7.30.09.06 Test Results; entire paragraph revised. Subsection 7.30.09.07 Installation of Final Connections and Appurtenances; new subsection. Section 7.30.10 Disinfection of Watermains in
TS 115	Sep 2015	Sep 2018	Form revised. New columns added to Page 2 and 3.