

# **SEQ Water Supply and Sewerage Design & Construction Code (SEQ WS&S D&C Code)**

## **SEWERAGE PUMPING STATION CODE SCHEDULE OF AMENDMENTS**

**Amendment No.2 – January 2017**



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## Schedule of Amendments to Sewerage Pumping Station Code (Changes from August 2014 Version 1.1 to January 2017 Version 1.2)

SEQ Sewerage Pumping Station Code		
Section	Clause	Change
INTRODUCTION	SCOPE OF CODE	Added the following paragraph to the end of this clause “The terms “Trunk” and “Reticulation” as used in this Code may have different definitions compared to those same terms as used in the various planning, charging, connection and policy documents of the SEQ-SPs.”
	CONDITIONS OF SUPPLY OF THE SEQ CODE	Corrected the typo by deleting the repeated words of “...no parts of the documents...”.
PART 1 - PLANNING AND DESIGN	3.7	Within the added SEQ requirements, replaced the first sentence of the third paragraph with “Easements shall be a minimum of 6m wide for rising mains ≤ 300mm NB, and 10m wide for rising mains > 300mm NB.”
	4.2.7	Changed the cross reference from “4.8.6.4 of WSA 03” to “4.8.6 of WSA 03”.
	5.2.3	Changed the last paragraph (the SEQ requirements) of this clause to “Refer also to Clause 2.5 Due Diligence requirements and ERA63(3)”.
	5.4.4	Corrected minor typo.
	5.8	Replaced the drawing reference of “SESQ-SPS-1304-0 to SEQ-SPS-1304-17” with “SEQ-SPS-1304-0 to SEQ-SPS-1304-29”.
	6	Within the SEQ requirements, added the following for LCC: “Standard Electrical Specification for Water & Sewer Pump Stations”.
	6.4	Changed Clause 6.4 (i) to read as “100% stand-by capacity i.e. one duty pump and one stand-by pump or duty/assist pump operation mode, refer Table 10 of the Design Criteria for SEQ SPs requirements;”
	6.5	Added the following paragraph to the end of this clause “Pump operation mode of a pump station using three or more pumps shall be determined in accordance with hydraulic analysis and O & M strategies of the pump station and shall be approved by SEQ-SPs.”
	7	Within the SEQ requirements, added the following for LCC: “Standard Electrical Specification for Water & Sewer Pump Stations”.
	8	Within the SEQ requirements, added the following for LCC: “Standard Electrical Specification for Water & Sewer Pump Stations”.
	9.3.6	Replaced the drawing reference of “SEQ-SPS-1304-1 to SEQ-SPS-1304-17” with “SEQ-SPS-1304-0 to SEQ-SPS-1304-29”
10.1	Added the following requirements to this clause “This Code refers to	

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		the SEQ Water Supply Code for rising main design and construction requirements. In general, the SEQ-SPs requirements for water supply mains also apply to rising mains.”
	10.3.6	Within the SEQ added requirements, changed the cross reference from section “3.6” to “2.6”.
	10.7	Added the following sentence to the end of this clause: “... For these specific locations, all forms of cement mortar lining are regarded as corrodible.”
	10.8	Added the following requirements to the end of this clause: “Where PE systems are specified, the manufacturer’s printed instructions on the electro-fusion welding procedure (in particular, the surface preparation requirements) are to be strictly adhered to. A mechanical/rotational scraper shall be used to remove oxidised layers during electro-fusion joint preparation. The use of hand scrapers is not permitted. De-beading is not to be carried out for butt welded joints unless otherwise specified by SEQ-SPs.”
	11.2.2.2	Corrected the typo to read as “The grade of concrete for all liquid retaining structures shall be SCC40 in accordance with WSA 114.”
	11.3.4.2	Within the SEQ added requirements, changed the pipe covers and the kerb terminologies to read as: “The minimum depth of cover for each section of rising main shall be shown on the Design Drawings. For rising mains less than or equal to 200mm NB, the minimum pipe cover shall be 600mm. For rising mains greater than 200mm NB, the minimum cover shall be 1000mm. In a footpath, the depth of cover shall be measured from the lip of kerb, or if there is no kerb, from the road shoulder. If the footway cross fall is non-standard, i.e. greater than 1 in 50, the finished surface level shall be the reference point. A cross-section at a scale of 1: 50 shall be provided within the Design Drawings. In a road carriageway, the depth of cover shall be measured from the road shoulder or lip of kerb. Where site works will reduce the depth of cover below the required pipe cover, the rising main shall be redesigned to provide the required cover.”
	15.2.1	Change SEQ added requirements as “Design Drawings shall be prepared in accordance with the SEQ Asset Information Specification.”
<b>PART 3 - CONSTRUCTION</b>	18.2	At the end of this clause add to the first paragraph of the SEQ added requirements that 'The training course must have been completed within the last ten (10) years'. Remove the reference to 'Accepted Products and Materials list'.
	20	Within the SEQ requirements, added the following for LCC: “Standard Electrical Specification for Water & Sewer Pump Stations”.
	21	Within the SEQ requirements, added the following for LCC: “Standard Electrical Specification for Water & Sewer Pump Stations”.
	22	Within the SEQ requirements, added the following for LCC: “Standard Electrical Specification for Water & Sewer Pump Stations”.

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	24	Within the SEQ requirements, added the following for LCC: "Standard Electrical Specification for Water & Sewer Pump Stations".
PART 4 - DRAWINGS		

SEQ Sewerage Pumping Station Standard Drawings	
Drawing Number	Change
All drawings	Changed GCCC to CoGC in drawing title blocks.
SEQ-SPS-INDEX-01C	Added a new set of access covers drawings, updated revision numbers.
SEQ-SPS-INDEX-02C	Added a new set of access covers drawings, updated revision numbers.
SEQ-SPS-1300-2C	Updated the concrete slab details, moved the well washer above the overflow level.
SEQ-SPS-1300-3C	Updated the concrete slab details, moved the well washer above the overflow level.
SEQ-SPS-1300-5B	Updated the concrete slab details.
SEQ-SPS-1300-9B	Added PE lining, updated the control levels, drawing reference and notes.
SEQ-SPS-1300-10B	Added PE lining, updated the concrete slab.
SEQ-SPS-1300-11B	Added the fall prevention inserts and davits etc. and vent pole, updated conduit sizes and Levels Note.
SEQ-SPS-1304-0C to SEQ-SPS-1304-9C	These existing access cover drawings (Option 1 drawing set) no longer applicable to CoGC.
SEQ-SPS-1304-18A to SEQ-SPS-1304-29A	Included a new set of access cover drawings (Option 3 drawings set) applicable to CoGC.
SEQ-SPS-1402-1C	Corrected the typo of Note S4.
SEQ-SPS-1508-2C	Added the supplier's details of approved marker post.
SEQ-SPS-1601-1B	Split the table into two tables, changed the pipe cover requirements to make the rising mains and water mains consistent, Note 8 amended accordingly.
Electrical drawings	All the electrical drawings have been withdrawn from the SEQ Code website. Contact individual service providers for their current electrical drawing set.