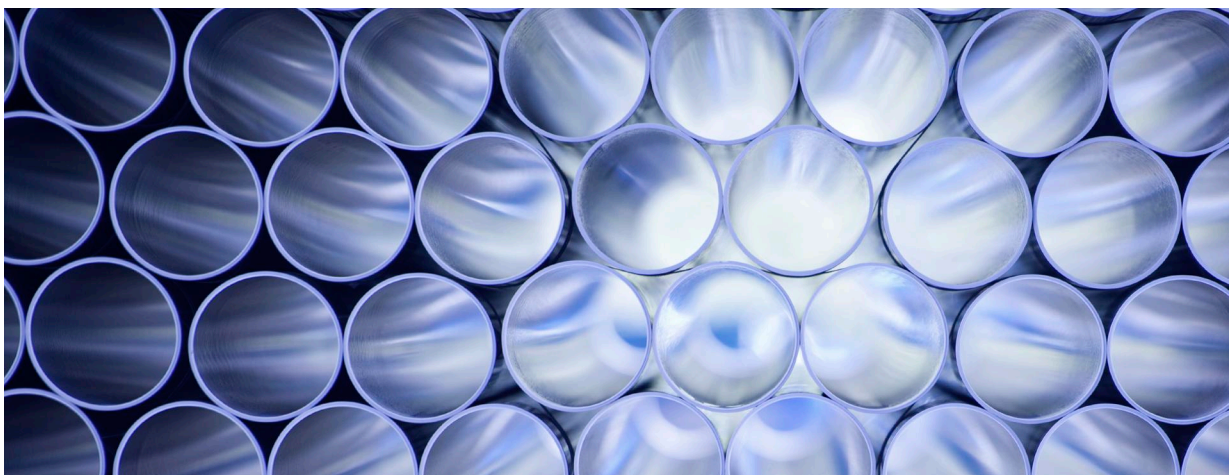


SEQ Water Supply and Sewerage Design & Construction Code

SEQ Accepted Infrastructure Products and Materials

SCHEDULE OF AMENDMENTS

Amendment No. 21 – July 2021



This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

Schedule of Amendments to SEQ Accepted IPAM Lists (Changes from April 2021 Version to July 2021 Version)

SEQ Accepted Civil IPAM List	
Whole of Document Change	
Category: Sewerage Pipes and Fittings- Non Pressure	
PVC-U pipe and fittings -DWV system	Update acceptance requirements: Manufacturer/Supplier: Allmach PFS Pty Ltd Trade Name: Sewerstream Size Range: DN110 – DN315 Redland City Council Acceptance Requirements: Use is subject to acceptance by SP
DI Pipe	Update acceptance requirements for the following: Manufacturer/Supplier: Beaver-Jindal Australia/NZ Size Range: DN225 to DN750 Redland City Council Acceptance Requirements: NOT ACCEPTED BY SP
PE fittings - Fabricated	Update acceptance requirements for all Manufacturer/Supplier in this product category: Redland City Council Acceptance Requirements: DN100 at SN10 minimum, DN150 and larger at SN8 and Moulded Fittings at SN6 minimum Urban
Update Product category: 316 Stainless Steel Sewer OB Junction Clamps	Update details for product in category: WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020): 346 4.1 - Nominal size DN100 - DN450; Branch sizes DN100 - DN225 Manufacturer/Supplier: Derwent Industries Trade Name: Derwent Size Range: DN100 - DN450 with branch sizes DN100/ DN150/DN225 Specified Requirements / Minimum Class: For property connections on existing gravity sewer pipelines. A rubber ring socket joint (RRJ) to be factory fitted to the glue in branch by Derwent to suit the SEQ Code requirements. City of Gold Coast Acceptance Requirements: Accepted for use
New Product category: 316 Stainless Steel Sleeve for repair	New product in category: WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020): No WSA PS 4.1 - Compatible with all common drainage and sewer pipeline materials including PVC-U, PP, PE, GRP, VC, DI and concrete. 4.2 - Compliance with ASTM F3110-14 Manufacturer / Supplier name: Smart Lock Trade Name: Smart Lock

This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

	<p>Size Range: DN100 – DN750</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: SP USE ONLY</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: SP USE ONLY</p> <p>Urban Utilities Acceptance Requirements: SP USE ONLY</p>
<p>Category: Sewerage Pipes and Fittings - Pressure</p>	
Repair Couplings	<p>New product added:</p> <p>Manufacturer / Supplier name: AVK</p> <p>Trade Name: Series 208</p> <p>Size Range: DN80 – DN200</p> <p>Unitywater Acceptance Requirements: Accepted for use.</p> <p>Other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
PE pipe	<p>Update acceptance requirements for the following product:</p> <p>Manufacturer / Supplier name: Acu-Tech</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p>
PE pipe - High Stress Crack Resistant (HSCR) Polyethylene Pipe	<p>New product added:</p> <p>Manufacturer / Supplier name: Acu-Tech</p> <p>Trade Name: Acu-Tech</p> <p>Size Range: DN40 50 63 90 125 180 250 315 355 450 560 630 800</p> <p>Product Specifications/Minimum Class: For directional drilling and pipe bursting installations, minimum SDR 9 (PN20 HSCR PE100) unless specified otherwise and install with tracer wires.</p> <p>Pipe wall thickness to be specified as normal PE100 as such "extra" strength should be provided.</p> <p>Butt welded joints are mandatory for HDD construction where continuous pipes on coil are not available.</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>Other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
Resilient seated gate valves, thermal bonded polymeric coating	<p>New product added in WSAA product specification category as follows:</p> <p>WSAA Product Specification: 278 (RSGVs with PE tails)</p> <p>Manufacturer / Supplier name: Betta</p> <p>Trade Name: Betta</p> <p>Size Range: DN100 & DN150</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use.</p> <p>Logan City Council Acceptance Requirements: Accepted for use.</p> <p>Unitywater Acceptance Requirements: Accepted for use.</p> <p>Urban Utilities Acceptance Requirements: Accepted for use.</p> <p>Other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>

This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

Resilient seated gate valves, thermal bonded polymeric coating	Update size range for product in WSAA product specification category as follows: WSAA Product Specification: 281 (RSGVs with restrained/gripper ends) Manufacturer / Supplier name: Betta Trade Name: Betta New Size Range: DN100 - DN300
Metal seated gate valves, thermal bonded polymeric coating	New product added: Manufacturer / Supplier name: AVK Trade Name: Sureflow Series 2580 Size Range: DN375 – DN600 City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Unitywater Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Accepted for use.
Category: Sewerage Miscellaneous Items	
Maintenance hole lightweight polymeric lids and frames (non-corrosive)	Update Product Specifications/Minimum Class: Manufacturer / Supplier name: Terra Firma Product Specifications/Minimum Class: Composite - Class B and D Class E Ø600 clear opening is acceptable for the locations where Class D Ø600 clear opening is required
Vent poles	Update acceptance requirements as follows: Manufacturer / Supplier name: Ingal EPS Unitywater Acceptance Requirements: Accepted for use
Vent poles	New product in category: Manufacturer / Supplier name: McBerns Product Specifications/Minimum Class: Refer Standard Drawings. Tapered, Galvanised, height as design. Preferred colour: heritage or mist green Unitywater Acceptance Requirements: Accepted for use Other utilities Acceptance Requirements: Use is subject to acceptance by SP:
Valve box and cover C.I. & D.I.	Update acceptance requirements as follows: Manufacturer / Supplier: Daemco City of Gold Coast Acceptance Requirements: Accepted for use
Concrete-Special Class (for Maintenance hole and for concrete in aggressive environment)	Update acceptance requirements as follows: Logan City Council Acceptance Requirements: Nominal size of calcareous aggregate to be 10mm minimum. Admixtures shall be non-chloride type.
PVC-U heavy duty maintenance hole	Update acceptance requirements as follows: Manufacturer / Supplier: Plastec

This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

inspection bends	Trade Name: Plastec Logan City Council Acceptance Requirements: Accepted for use
Category: Water Supply Pipes – Pressure	
PE pipe	Update acceptance requirements for the following product: Manufacturer / Supplier name: Acu-Tech City of Gold Coast Acceptance Requirements: 1 - Used as Water Service pipe at DN25 and larger 2 - Used as Drinking Water main at DN63 and DN110 in Dual Water Supply 3 - Used as A+ Non Drinking Water main for Cul-de-sac terminal end at DN63 in Dual Water Supply 4 - Used as Drinking Water main for Cul-de-sac terminal end at DN63 in traditional Drinking Water Reticulation
PE pipe - High Stress Crack Resistant (HSCR) Polyethylene Pipe	New product added: Manufacturer / Supplier name: Acu-Tech Trade Name: Acu-Tech Size Range: DN40 50 63 90 125 180 250 315 355 450 560 630 800 Product Specifications/Minimum Class: For directional drilling and pipe bursting installations, minimum SDR 9 (PN20 HSCR PE100) unless specified otherwise and install with tracer wires. Pipe wall thickness to be specified as normal PE100 as such "extra" strength should be provided. Butt welded joints are mandatory for HDD construction where continuous pipes on coil are not available. City of Gold Coast Acceptance Requirements: Accepted for use Other utilities Acceptance Requirements: Use is subject to acceptance by SP
Category: Water Supply Fittings – Pressure	
316 SS repair clamps, flanged off-take clamps & BSP tapping clamps	New product added in new products specification category: WSAA products specification: 327 (For PE pipes) 4.1 - Pipe DN125 – DN355 – Off-take 20mm NB minimum 4.2 - PN16 4.3 - Female RP thread to AS ISO 7.1 Manufacturer / Supplier name: Cascade Control Trade Name: Rapid Clamps CT2 tapping saddles Size Range: DN125 – DN355 Urban Utilities Acceptance Requirements: Only BSP tapping clamps/saddles on PE pipe accepted. All other utilities Acceptance Requirements: Use is subject to acceptance by SP.
Repair Couplings	New product added: Manufacturer / Supplier name: AVK Trade Name: Series 208

This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

	<p>Size Range: DN80 – DN200</p> <p>Unitywater Acceptance Requirements: Accepted for use.</p> <p>Other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
Resilient seated gate valves, thermal bonded polymeric coating	<p>New product added in WSAA product specification category as follows: WSAA Product Specification: 278 (RSGVs with PE tails) Manufacturer / Supplier name: Betta Trade Name: Betta Size Range: DN100 & DN150 City of Gold Coast Acceptance Requirements: Accepted for use. Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP Unitywater Acceptance Requirements: Accepted for use. Urban Utilities Acceptance Requirements: Accepted for use. Other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
Resilient seated gate valves, thermal bonded polymeric coating	<p>Update size range for product in WSAA product specification category as follows: WSAA Product Specification: 281 (RSGVs with restrained/gripper ends) Manufacturer / Supplier name: Betta Trade Name: Betta New Size Range: DN100 - DN300</p>
Resilient seated gate valves, thermal bonded polymeric coating	<p>Update acceptance requirements for all products in category with the following specifications: WSAA Product Specification: 278 (RSGVs with PE tails) <u>and</u> WSAA Product Specification: 281 (RSGVs with restrained/gripper ends) Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p>
Metal seated gate valves, thermal bonded polymeric coating	<p>New product added: Manufacturer / Supplier name: AVK Trade Name: Sureflow Series 2580 Size Range: DN375 – DN600 City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Unitywater Acceptance Requirements: Use is subject to acceptance by SP Urban Utilities Acceptance Requirements: Accepted for use.</p>
Hydrants	<p>Update Specified Requirements / Minimum Class for all products in category as follows: Flange to AS 4087 Fig B5. Removable Top Cap & Internal Assembly. Thermal bonded polymeric coating. Purple body and lug for recycled water. PN16.</p>

This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

	Update Size Range for all products in category: No size range specified.												
Hydrants	<p>Update acceptance requirements as follows: For Manufacturer / Supplier and Trade Names:</p> <table border="0"> <tr> <td>AVK</td> <td>Series 30/00 non-swab and 30/10 for swab</td> </tr> <tr> <td>Viadux</td> <td>Sureflow</td> </tr> <tr> <td>Civil Pipe Supplies</td> <td>BETTA normal & Swab</td> </tr> <tr> <td>AAP Industries</td> <td>MAXIFLO/appFLO</td> </tr> <tr> <td>Derwent Industries</td> <td>Derwent standard and Swab</td> </tr> <tr> <td>Weflo Valve / Reece</td> <td>DIMAX</td> </tr> </table> <p>City of Gold Coast Acceptance Requirements: DN80 flange for SP Use Only. Swabbing type at main ends refer SEQ-WAT-1302-1.</p>	AVK	Series 30/00 non-swab and 30/10 for swab	Viadux	Sureflow	Civil Pipe Supplies	BETTA normal & Swab	AAP Industries	MAXIFLO/appFLO	Derwent Industries	Derwent standard and Swab	Weflo Valve / Reece	DIMAX
AVK	Series 30/00 non-swab and 30/10 for swab												
Viadux	Sureflow												
Civil Pipe Supplies	BETTA normal & Swab												
AAP Industries	MAXIFLO/appFLO												
Derwent Industries	Derwent standard and Swab												
Weflo Valve / Reece	DIMAX												
Valve box and cover C.I. & D.I.	<p>Update acceptance requirements as follows: Manufacturer / Supplier: Daemco</p> <p>City of Gold Coast Acceptance Requirements: Water Service ferrule Boxes for footpath are Viadux MFNSW-PTHBX or approved equivalent and for roadway are Viadux MVGQ or approved equivalent as per Item 41 of 11-133 and as shown on 11-134 of CoGC metering standard drawings.</p> <p>Lids colour e.g. white are preferred to be painted in factory.</p>												
Hydrant box & cover C.I. or D.I.	<p>Update acceptance requirements as follows: Manufacturer / Supplier: Daemco</p> <p>City of Gold Coast Acceptance Requirements: Lids colour yellow are preferred to be painted in factory</p>												
Valve & hydrant boxes (composite) & DI Covers	<p>Update acceptance requirements for all products in category: Unitywater Acceptance Requirements: Coloured to SEQ-WAT-1300-1 and SEQ-NDW-2209-1</p>												

Category: Water Services

Ball valves - Water Service	<p>Update acceptance requirements for the following products and trade names as follows:</p> <table border="0"> <tr> <td>Manufacturer / Supplier name:</td> <td>Trade Name:</td> </tr> <tr> <td>All Valve</td> <td>Airaga</td> </tr> <tr> <td>Elson</td> <td>Elson</td> </tr> <tr> <td>Gatic / Milne</td> <td></td> </tr> <tr> <td>Elster</td> <td></td> </tr> <tr> <td>RMC</td> <td></td> </tr> <tr> <td>Zetco TOF</td> <td></td> </tr> </table> <p>Logan City Council Acceptance Requirements: Accepted for DN20 and DN25 at meter end of services.</p> <p>Ball valves must be lockable in both on and off position.</p> <p><u>and</u></p> <table border="0"> <tr> <td>Manufacturer / Supplier name:</td> <td>Trade Name:</td> </tr> <tr> <td>Austworld</td> <td>LOGI VALVE</td> </tr> </table> <p>Logan City Council Acceptance Requirements: Accepted for DN20 and</p>	Manufacturer / Supplier name:	Trade Name:	All Valve	Airaga	Elson	Elson	Gatic / Milne		Elster		RMC		Zetco TOF		Manufacturer / Supplier name:	Trade Name:	Austworld	LOGI VALVE
Manufacturer / Supplier name:	Trade Name:																		
All Valve	Airaga																		
Elson	Elson																		
Gatic / Milne																			
Elster																			
RMC																			
Zetco TOF																			
Manufacturer / Supplier name:	Trade Name:																		
Austworld	LOGI VALVE																		

This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

	<p>DN25 at meter end of services.</p> <p>Ball valves must be lockable in both on and off position.</p> <p>Accepted product codes are WB20FBL, WB20MBL, WB25FBL, WB25MBL</p>
<p>Meters - 20 mm (direct and sub-metering applications)</p> <p>Meters - 25 mm (direct and sub-metering applications)</p> <p>Meters - 32 mm (direct and sub-metering applications)</p> <p>Meters - 40 mm (direct and sub-metering applications)</p> <p>Meters - 50 mm and larger (direct and sub-metering applications)</p>	<p>Update supplier name for the products in these categories.</p> <p>Manufacturer / Supplier name: Elster change to Elster / Honeywell.</p>
<p>Pre-assembled single meter boxes</p>	<p>New products added:</p> <p>Manufacturer / Supplier name: Strongcast</p> <p>Trade Name: Size Range:</p> <p>SCMB-2BSP DN25</p> <p>SCMB18SP32 DN32</p> <p>Product Specifications/Minimum Class: Shall comply with relevant SEQ SP water meter/sub-meter specification and/or policy</p> <p>All components shall be approved fittings</p> <p>No Slip couplings</p> <p>Urban Utilities Acceptance Requirements: Accepted for use.</p> <p>Other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
<p>Sub-metering assemblies – wall mount brackets</p>	<p>New products added:</p> <p>Manufacturer / Supplier name: Strongcast</p> <p>Trade Name: Size Range:</p> <p>SCMLIM25Q DN25</p> <p>SCMLIM32Q DN32</p> <p>Product Specifications/Minimum Class: Shall comply with relevant SEQ SP water meter/sub-meter specification and/or policy</p> <p>All components shall be approved fittings</p> <p>No Slip couplings</p> <p>Urban Utilities Acceptance Requirements: Accepted for use.</p> <p>Other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
<p>New Product Category:</p>	<p>New product in category:</p>

This document contains information which is proprietary to the SEQ service providers and may not be used for purposes other than those intended without written consent from the SEQ service providers

Constant flow control device	<p>WSAA Product Specification: No WSAA PS</p> <ul style="list-style-type: none"> 1 - PN16 minimum 2 - Watermark certification 2 - DR Brass Body material 3 - Screwed BSP fitting type- 4 - Flow rate as agreed by SP 5 - Life expectancy ≥ 20 years <p>Manufacturer / Supplier name: Maric Flow Control Trade Name: Maric Screwed Valve - BSP Size Range: 20mm</p> <p>Specific Requirements / Minimum Class: Device shall be installed for water property service supplied by an existing trickle feed system. Device shall connect to meter coupling on the upstream side of meter, within the meter box.</p> <p>Urban Utilities Acceptance Requirements: Accepted for use Other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
Category: Water Supply Miscellaneous Items	
Category: Emergency Storage Chambers	

SEQ Accepted Mechanical IPAM List	
Document Structure Changes	
Products	Change
PUMPS	
ACTUATOR/ SOLENOID VALVES	
MISCELLANEOUS ITEMS	