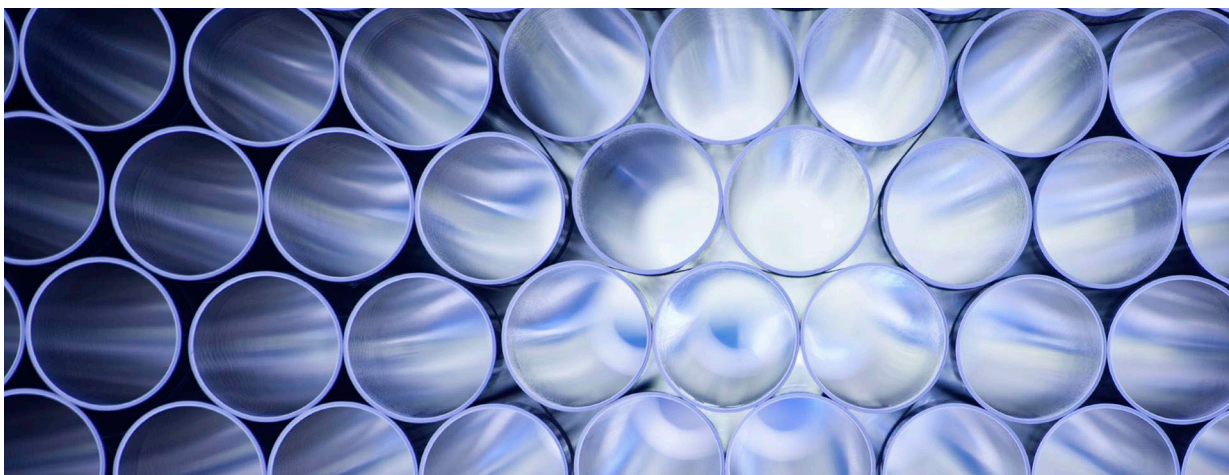


# **SEQ Water Supply and Sewerage Design & Construction Code**

## **SEQ Accepted Infrastructure Products and Materials**

# **SCHEDULE OF AMENDMENTS**

**Amendment No. 23 – April 2022**



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## Schedule of Amendments to SEQ Accepted IPAM Lists (Changes from October 2021 Version to April 2022 Version)

| SEQ Accepted Civil IPAM List                               |  |
|--|--|
| Whole of Document Change                                   |  |
| <b>Category: Sewerage Pipes and Fittings- Non Pressure</b> |  |
| PVC-U pipe and fittings<br>- DWV system                    | <p>New product in category:<br/>           Manufacturer / Supplier name: Iplex<br/>           Trade Name: Restrain DWV<br/>           Size Range: DN150 225 300 375<br/>           Unitywater Acceptance Requirements: DN100 at SN10, DN150 and larger at SN8 and Fittings at SN8 minimum for use in trenchless applications only<br/>           All other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>   |
| DI Pipe  | <p>Update acceptance requirements for the following:<br/>           Manufacturer/Supplier:                      Trade Name:<br/>           Saint-Gobain                                      Integral Zinalium<br/>           Vinidex    ZAP-HAC<br/>           Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p>   |
| PE pipe - NuSewers   | <p>Update size range for the following products:<br/>           Manufacturer/Supplier:                      Trade Name:<br/>           ACP    ACP<br/>           New size range: DN110 160 250 315<br/> <u>and</u><br/>           Pipemakers    Pipemakers<br/>           Clover    Clover / Rohr<br/>           Acu-Tech    Acu-Tech<br/>           New size range: DN110 160 250 315 400 500 630 800</p> |
| PE fittings - Moulded                                      | <p>Update acceptance requirements for the following:<br/>           Manufacturer/Supplier: Advanced Piping Systems / Plastitalia S.p.A<br/>           Trade Name: PLAS<br/>           Urban Utilities Acceptance Requirements: Accepted for use</p>  |
| DI mechanical<br>couplings - Non End<br>Thrust Restraint   | <p>New product in category:<br/>           Manufacturer / Supplier name: Civil Pipes<br/>           Trade Name: CPS Uni-Gib<br/>           Size Range: DN 80 - DN 300<br/>           City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP<br/>           Logan City Council Acceptance Requirements: Accepted for use<br/>           Redland City Council Acceptance Requirements: Use is subject to</p>   |

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|   | <p>acceptance by SP</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p>   |
| <p>New product category:<br/>Pushfit Coupling,<br/>internal for Non-<br/>pressure Applications</p>      | <p>New product in new category:<br/>WSAA Product Specification No. with Service Provider Specific<br/>Requirements (Version 7.4 July 2021):<br/><b>250</b><br/>Manufacturer / Supplier name: Fernco / Flex-seal<br/>Trade Name: ICON Pushfit<br/>Size Range: DN95 / DN100 / DN95-100 / DN95-150 / DN100-150 / DN150<br/>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP<br/>Unitywater Acceptance Requirements: Accepted for use<br/>All other utilities: SP USE ONLY</p>   |
| <p>316 Stainless Steel<br/>Sleeve for repair</p>  | <p>Update Specified Requirements / Minimum Class requirements for the<br/>following:<br/>Manufacturer / Supplier name: Smart Lock<br/>New Specified Requirements / Minimum Class:<br/>Installation must be done by licenced installers who are certified by the<br/>supplier</p>   |
| <p>Non-return valves</p>  | <p>Update Manufacturer/Supplier names for the following products:<br/>New Manufacturer/Supplier: Trade Name:<br/>Flotech Controls Red valve - Tideflex check valves<br/>Fluid Control Proflex Rubber Check Valve</p>   |
| <p><b>Category: Sewerage Pipes and Fittings - Pressure</b></p>  |  |
| <p>DI pipe</p>  | <p>Update acceptance requirements for the following products:<br/>Manufacturer/Supplier: Trade name: Specified Requirements /<br/>Minimum Class<br/>Jindal SAW / Iplex PN20<br/>Vinidex ZAP-GP PN20<br/>Clover Pipelines Clover/Xinxing PN20<br/>Vinidex ZAP-HAC PN20, CAC lining for corrosive<br/>flows<br/>Clover Pipelines Clover/Xinxing PN35 and Flange Class, GP or<br/>SR lining<br/>Vinidex ZAP-GP PN35 and Flange Class, GP or<br/>SR lining<br/>Jindal SAW / Iplex Irontite (XINAL400+ coating) PN35 and Flange Class, GP or<br/>SR lining<br/>Redland City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> |
| <p>DI fittings - bends,<br/>tapers, tees/branches,<br/>connectors, risers &amp;<br/>caps/blank ends</p> | <p>New product in category:<br/>Manufacturer / Supplier name: Reece<br/>Trade Name: DIMAX<br/>Size Range: DN80 to DN300</p>  |

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|  | <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Accepted for use</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP</p>   |
| DI mechanical couplings - Non End Thrust Restraint                         | <p>New product in category:</p> <p>Manufacturer / Supplier name: Civil Pipes</p> <p>Trade Name: CPS Uni-Gib</p> <p>Size Range: DN 80 - DN 300</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Accepted for use</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p>   |
| New product category:<br>Stainless steel flexible couplings – Unrestrained | <p>New product in new category:</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.4 July 2021):</p> <p><b>285</b></p> <p>4.1 – Unrestrained for DI, AC, PVC, steel, GRP and concrete pipes</p> <p>4.2 – PN16 min</p> <p>Manufacturer / Supplier name: Uniones Arpol SA / Global Pipe</p> <p>Trade Name: ARPOL</p> <p>Size Range: DN150-DN1200</p> <p>Specified Requirements / Minimum Class:</p> <p>Arpol Instal for joining pipes and Arpol Rep for pipe repairs.</p> <p>Required torque as per manufacturer's requirement marked on each fitting</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>All other utilities: Use is subject to acceptance by SP</p> |
| DI mechanical fittings - End Thrust Restraint (Gripper Type)               | <p>New product in category:</p> <p>Manufacturer / Supplier name: AVK / Fusion Plast Australia</p> <p>Trade Name: Supa-Maxi</p> <p>Size Range: 50NB - 300NB</p> <p>Specified Requirements / Minimum Class:</p> <p>AVK Supa-Maxi is manufactured to EN14525:2005, not Australian standards. Therefore the fitting gripper socket DN's may not suit the same pipe DN's for some pipe materials and sizes (e.g. DN200 CIOD pipes). In this case a larger gripper socket DN may need to be used. Contractors need to check the suitable gripper socket DN's for their pipes.</p>  |

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|--|--|------------------------|-------------|------|--|------------|------------|--------|-------------|----------|----------|
|  | <p>Requires pipe stiffener insert to be installed when connecting to PE or PVC pipe.</p> <p>The PE transition couplings rated PN10 are not accepted.</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>Unitywater Acceptance Requirements: The use of gripper type fittings on AC, DI and SCL pipe is subject to acceptance by SP</p> <p>All other utilities: Use is subject to acceptance by SP</p>      |                        |             |      |  |            |            |        |             |          |          |
| PE pipe  | <p>Update size range for the following products:</p> <table border="0"> <tr> <td>Manufacturer/Supplier:</td> <td>Trade Name:</td> </tr> <tr> <td>Agru</td> <td></td> </tr> <tr> <td>Pipemakers</td> <td>Pipemakers</td> </tr> <tr> <td>Clover</td> <td>Clover/Rohr</td> </tr> <tr> <td>Acu-Tech</td> <td>Acu-Tech</td> </tr> </table> <p>New size range: DN25, 32, 40, 50, 63, 90, 125, 180, 250, 315, 355, 450, 560, 630, 800</p> | Manufacturer/Supplier: | Trade Name: | Agru |  | Pipemakers | Pipemakers | Clover | Clover/Rohr | Acu-Tech | Acu-Tech |
| Manufacturer/Supplier:   | Trade Name:  |                        |             |      |  |            |            |        |             |          |          |
| Agru   |  |                        |             |      |  |            |            |        |             |          |          |
| Pipemakers   | Pipemakers   |                        |             |      |  |            |            |        |             |          |          |
| Clover   | Clover/Rohr  |                        |             |      |  |            |            |        |             |          |          |
| Acu-Tech   | Acu-Tech   |                        |             |      |  |            |            |        |             |          |          |
| PE pipe - High Stress Crack Resistant (HSCR) Polyethylene Pipe | <p>New product added:</p> <p>Manufacturer / Supplier name: David Moss Corporation</p> <p>Trade Name: DAMOS</p> <p>Size Range: DN40 50 63 90 125 180 250 315 355 450 560 630 800</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>  |                        |             |      |  |            |            |        |             |          |          |
| PE fittings - Moulded  | <p>Update acceptance requirements for the following:</p> <p>Manufacturer/Supplier: Advanced Piping Systems / Plastitalia S.p.A</p> <p>Trade Name: PLAS</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p>  |                        |             |      |  |            |            |        |             |          |          |
| PE fittings - Moulded  | <p>New product added:</p> <p>Manufacturer / Supplier name: Fox Fittings Sp. / Advanced Piping Systems</p> <p>Trade Name: Fox</p> <p>Size Range: Up to DN630</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>Update size range for the following product:</p> <p>WSAA Product Specification: 260</p> <p>Manufacturer / Supplier name: Hawle</p> <p>Trade Name: E2</p> <p>New Size Range: DN100-DN200</p>   |                        |             |      |  |            |            |        |             |          |          |
| Resilient seated gate valves, thermal bonded polymeric coating | <p>Update acceptance requirements for the following product:</p> <p>WSAA Product Specification: 260</p> <p>Manufacturer / Supplier name: Reece</p> <p>Trade Name: DIMAX</p>  |                        |             |      |  |            |            |        |             |          |          |

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|   | <p>Size Range: DN80 – DN600 (FI-FI)<br/>DN100 – DN150 (Soc-Soc)<br/>DN100 – DN150 (Sp-Sp)<br/>Redland City Council Acceptance Requirements: Accepted for use</p>  |
| Resilient seated gate valves,<br>thermal bonded polymeric coating | <p>Update acceptance requirements for the following product:<br/>WSAA Product Specification: 260<br/>Manufacturer / Supplier name: Hawle / Hygrade Water<br/>Trade Name: E3 (FL-FL)<br/>Redland City Council Acceptance Requirements: Accepted for use</p>  |
| Resilient seated gate valves,<br>thermal bonded polymeric coating | <p>Update acceptance requirements for the following product:<br/>WSAA Product Specification: 283<br/>Manufacturer / Supplier name: Daepoong/ CNS Engineering<br/>Trade Name: S- Gate Valve<br/>Redland City Council Acceptance Requirements: SP USE ONLY</p>  |
| Resilient seated gate valves,<br>thermal bonded polymeric coating | <p>Remove the following product listing:<br/>WSAA Product Specification: 278 (RSGVs with PE tails)<br/>Manufacturer / Supplier name: Hawle<br/>Trade Name: E2</p>   |
| New product category:<br>Non-return valves –<br>Ball type         | <p>New product in new category:<br/>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.4 July 2021):<br/><b>No WSA PS</b><br/>1 - Class PN16 min<br/>2 – Ductile Iron body<br/>3 – SS316 bolts, nuts and washers<br/>4 - Medium - Sewage<br/>5 - Installation – Vertical<br/>6 - Flanged to AS 4087 Figure B5<br/>7 - Thermal-bonded polymeric coating to AS/NZS 4158<br/>Manufacturer / Supplier name: Applied Process Equipment, Inc<br/>Trade Name: HDL Model 5087<br/>Size Range: DN40 – DN600<br/>Specified Requirements / Minimum Class:<br/>Suitable for sewage service, vertical orientation only<br/>Unitywater Acceptance Requirements: Accepted for use<br/>All other utilities: Use is subject to acceptance by SP</p> |
| <b>Category: Sewerage Miscellaneous Items</b>                     |   |
| Pre-cast Concrete Converter Top Slab                              | <p>New product in category:<br/>Manufacturer / Supplier name: Civilcast<br/>Product Specifications/Minimum Class: Refer Standard Drawings.<br/>Calcareous aggregates to be used</p>   |

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|  | <p>Logan City Council Acceptance Requirements: Accepted for use<br/>                 Other utilities Acceptance Requirements: Use is subject to acceptance by SP:</p>   |
| Valve pit access cover and frame   | <p>Update Manufacturer / Supplier name to the following:<br/>                 Mass Products (Aluminium)</p>   |
| PVC-U fully moulded SN8 and SN10 heavy duty junctions, bends and inspection tees | <p>Update acceptance requirements as follows:<br/>                 Manufacturer / Supplier:<br/>                 Holman Industries<br/>                 Plastec<br/>                 Redland City Council Acceptance Requirements: Accepted for use</p>   |
| Fully moulded heavy duty DWV RRJ Slip Coupling                                   | <p>Update acceptance requirements as follows:<br/>                 Manufacturer / Supplier name: Holman Industries<br/>                 Trade Name: Holman/Fabfit<br/>                 Logan City Council Acceptance Requirements: Accepted for use</p>   |
| <b>Category: Water Supply Pipes – Pressure</b>                                   |   |
| PE pipe  | <p>Update size range for the following products:<br/>                 Manufacturer/Supplier:                      Trade Name:<br/>                 Pipemakers                                      Pipemakers<br/>                 Clover    Clover/Rohr<br/>                 Acu-Tech    Acu-Tech<br/>                 New size range: DN25, 32, 40, 50, 63, 90, 125, 180, 250, 315, 355, 450, 560, 630, 800</p>   |
| PE pipe - High Stress Crack Resistant (HSCR) Polyethylene Pipe                   | <p>New product added:<br/>                 Manufacturer / Supplier name: David Moss Corporation<br/>                 Trade Name: DAMOS<br/>                 Size Range: DN40 50 63 90 125 180 250 315 355 450 560 630 800<br/>                 City of Gold Coast Acceptance Requirements:<br/>                 1 - Used as Water Service pipe at DN25 and larger<br/>                 2 - Used as Drinking Water main at DN63 and DN110 in Dual Water Supply<br/>                 3 - Used as A+ Non Drinking Water main for Cul-de-sac terminal end at DN63 in Dual Water Supply<br/>                 4 - Used as Drinking Water main for Cul-de-sac terminal end at DN63 in traditional Drinking Water Reticulation<br/>                 Other utilities Acceptance Requirements: Use is subject to acceptance by SP</p> |
| <b>Category: Water Supply Fittings – Pressure</b>                                |   |
| DI fittings - bends, tapers, tees/branches, connectors, risers & caps/blank ends | <p>New product in category:<br/>                 Manufacturer / Supplier name: Reece<br/>                 Trade Name: DIMAX<br/>                 Size Range: DN80 to DN300<br/>                 City of Gold Coast Acceptance Requirements: Use is subject to acceptance</p>  |

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|  | <p>by SP</p> <p>Logan City Council Acceptance Requirements: Accepted for use</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP</p>  |
| <p>DI mechanical couplings - Non End Thrust Restraint</p>                          | <p>New product in category:</p> <p>Manufacturer / Supplier name: Civil Pipes</p> <p>Trade Name: CPS Uni-Gib</p> <p>Size Range: DN 80 - DN 300</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Accepted for use</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p>   |
| <p>New product category:<br/>Stainless steel flexible couplings – Unrestrained</p> | <p>New product in new category:</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.4 July 2021):</p> <p><b>285</b></p> <p>4.1 – Unrestrained for DI, AC, PVC, steel, GRP and concrete pipes</p> <p>4.2 – PN16 min</p> <p>Manufacturer / Supplier name: Uniones Arpol SA / Global Pipe</p> <p>Trade Name: ARPOL</p> <p>Size Range: DN150-DN1200</p> <p>Specified Requirements / Minimum Class:</p> <p>Arpol Instal for joining pipes and Arpol Rep for pipe repairs.</p> <p>Required torque as per manufacturer’s requirement marked on each fitting</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>All other utilities: Use is subject to acceptance by SP</p> |
| <p>DI mechanical fittings - End Thrust Restraint (Gripper Type)</p>                | <p>New product in category:</p> <p>Manufacturer / Supplier name: AVK / Fusion Plast Australia</p> <p>Trade Name: Supa-Maxi</p> <p>Size Range: 50NB - 300NB</p> <p>Specified Requirements / Minimum Class:</p> <p>AVK Supa-Maxi is manufactured to EN14525:2005, not Australian standards. Therefore the fitting gripper socket DN’s may not suit the same pipe DN’s for some pipe materials and sizes (e.g. DN200 CIOD pipes). In this case a larger gripper socket DN may need to be used. Contractors need to check the suitable gripper socket DN’s for their pipes.</p> <p>Requires pipe stiffener insert to be installed when connecting to PE or PVC</p>   |

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|  | <p>pipe.</p> <p>The PE transition couplings rated PN10 are not accepted.</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>Unitywater Acceptance Requirements: The use of gripper type fittings on AC, DI and SCL pipe is subject to acceptance by SP</p> <p>All other utilities: Use is subject to acceptance by SP</p>   |
| Pretapped connectors   | <p>Update acceptance requirements for all products in this category:</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Based on the recent Australian Standards changes all the current pre-tapped connectors are non-compliant therefore not accepted until new designs are available. Instead the accepted tapping bands can be used as an interim solution.</p> |
| 316 SS repair clamps, flanged off-take clamps & BSP tapping clamps | <p>Update acceptance requirements for the following product:</p> <p>WSAA Product Specification: 310</p> <p>Manufacturer / Supplier name: Cascade Control</p> <p>Trade Name: Rapid Clamps CT2 tapping saddles</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>  |
| Resilient seated gate valves, thermal bonded polymeric coating     | <p>Update acceptance requirements for the following product:</p> <p>WSAA Product Specification: 260</p> <p>Manufacturer / Supplier name: Reece</p> <p>Trade Name: DIMAX</p> <p>Size Range: DN80 – DN600 (FI-FI)</p> <p>DN100 – DN150 (Soc-Soc)</p> <p>DN100 – DN150 (Sp-Sp)</p> <p>Redland City Council Acceptance Requirements: Accepted for use</p>   |
| Resilient seated gate valves, thermal bonded polymeric coating     | <p>Update acceptance requirements for the following products:</p> <p>WSAA Product Specification: 260</p> <p>Manufacturer / Supplier name: Hawle / Hygrade Water</p> <p>Trade Name: E2 E2 System 2000 and E3 (FL-FL)</p> <p>Redland City Council Acceptance Requirements: Accepted for use</p>   |
| Resilient seated gate valves, thermal bonded polymeric coating     | <p>Update size range for the following product:</p> <p>WSAA Product Specification: 260</p> <p>Manufacturer / Supplier name: Hawle</p> <p>Trade Name: E2</p> <p>New Size Range: DN100-DN200</p>  |
| Resilient seated gate valves, thermal bonded polymeric coating     | <p>Update acceptance requirements for the following product:</p> <p>WSAA Product Specification: 283</p> <p>Manufacturer / Supplier name: Daepoong/ CNS Engineering</p> <p>Trade Name: S- Gate Valve</p>   |

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|   | Redland City Council Acceptance Requirements: SP USE ONLY  |
| Resilient seated gate valves,<br>thermal bonded polymeric coating | Remove the following product listing:<br>WSAA Product Specification: 278 (RSGVs with PE tails)<br>Manufacturer / Supplier name: Hawle<br>Trade Name: E2  |
| Resilient seated gate valves,<br>thermal bonded polymeric coating | Update acceptance requirements for the following products:<br>WSAA Product Specification: 281 (RSGVs with restrained/gripper ends)<br>Manufacturer / Supplier name: Hawle<br>Trade Name: E2 System 2000<br>Redland City Council Acceptance Requirements: Accepted for use  |
| PE fittings – Moulded (for mains and large service pipes)         | New product added:<br>Manufacturer / Supplier name: Fox Fittings Sp. / Advanced Piping Systems<br>Trade Name: Fox<br>Size Range: Up to DN630<br>City of Gold Coast Acceptance Requirements: Accepted where PE pipes are approved to be used.<br>Other utilities Acceptance Requirements: Use is subject to acceptance by SP  |
| PE fittings – Moulded (for mains and large service pipes)         | Update acceptance requirements for the following:<br>Manufacturer/Supplier: Advanced Piping Systems / Plastitalia S.p.A<br>Trade Name: PLAS<br>Urban Utilities Acceptance Requirements: Hydrant saddles shall only be installed as an under pressure cut-in connection   |
| <b>Category: Water Services</b>                                   |  |
| Tapping bands for DI & PVC pipes                                  | New products in category:<br>Manufacturer / Supplier name: Austworld<br>Trade Name: TPAB10020      Size Range: DN100 Type F for PVC (S2 only) and AC pipes, outlet size DN20<br><br><u>and</u><br>Trade Name: TPAB10025      Size Range: DN100 Type F for PVC (S2 only) and AC pipes, with DN25 outlet<br><br>Unitywater Acceptance Requirements: SP USE ONLY<br>All other utilities: Use is subject to acceptance by SP |
| Tapping saddle for PE - electrofusion                             | New product in new sub- category:<br>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.4 July 2021):<br><b>310</b><br>4.1 - Pipe DN125 – DN355 – Off-take 20mm NB minimum<br>4.2 - With or without electrical Isolation<br>4.3 - Female RP thread to AS ISO 7.1<br>Manufacturer / Supplier name: Advanced Piping Systems / Plastitalia S.p.A   |

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|   | <p>Trade Name: PLAS</p> <p>Size Range: Up to DN 315</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p> <p>All other utilities: Use is subject to acceptance by SP</p>   |
| <p>Ferrules - TPFNR</p> <p>Bonnet Ferrule Cocks</p>                 | <p>New product in category:</p> <p>Manufacturer / Supplier name: Strongcast</p> <p>Trade Name: TPFNR Tapping Valve</p> <p>Size Range: DN20</p> <p>Unitywater Acceptance Requirements: Accepted for use</p> <p>All other utilities: Use is subject to acceptance by SP</p>   |
| <p>Meters - 32 mm</p> <p>(direct and sub-metering applications)</p> | <p>Update acceptance requirements for the following products:</p> <p>Manufacturer / Supplier: Itron</p> <p>Trade Name: TD8</p> <p>Urban Utilities Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Testable backflow prevention device required</p>   |
| <p>Flowmeters</p>   | <p>Update acceptance requirements for the following products:</p> <p>Manufacturer / Supplier: Arad Ultrasonica / RMC      Trade name: Octave</p> <p>City of Gold Coast Acceptance Requirements: R=500.</p> <p>SS body only for DN150 and smaller sizes.</p> <p>Horizontal and Vertical orientation.</p> <p><u>and</u></p> <p>Siemens Eletromagnetic      Siemens Mag 8000 Advanced</p> <p>City of Gold Coast Acceptance Requirements: R=400.</p> <p>DN100 &amp; DN150 – Horizontal and Vertical orientation, DN200 and larger – Horizontal orientation only.</p> <p><u>and</u></p> <p>Siemens Ultrasonic      Siemens</p> <p>E &amp; H Electromagnetic      E &amp; H Promag W400</p> <p>E &amp; H Ultrasonic      E &amp; H</p> <p>Emerson      Emerson</p> <p>ABB      WaterMaster AquaMaster</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p> |
| <p>Automatic Meter Reading (AMR) Systems</p>                        | <p>Update acceptance requirements for the following products:</p> <p>Manufacturer / Supplier: Halytech / Spider</p> <p>Urban Utilities Acceptance Requirements: NOT ACCEPTED BY SP</p>  |
| <p><b>Category: Water Supply Miscellaneous Items</b></p>            |   |
| <p>Valve pit access cover and frame</p>                             | <p>Update Manufacturer / Supplier name to the following:</p> <p>Mass Products (Aluminium)</p>   |
| <p><b>Category: Emergency Storage Chambers</b></p>                  |   |

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| SEQ Accepted Mechanical IPAM List |        |
|-----------------------------------|--------|
| Document Structure Changes        |        |
| Products                          | Change |
| <b>PUMPS</b>                      |        |
|                                   |        |
| <b>ACTUATOR/ SOLENOID VALVES</b>  |        |
|                                   |        |
| <b>MISCELLANEOUS ITEMS</b>        |        |
|                                   |        |