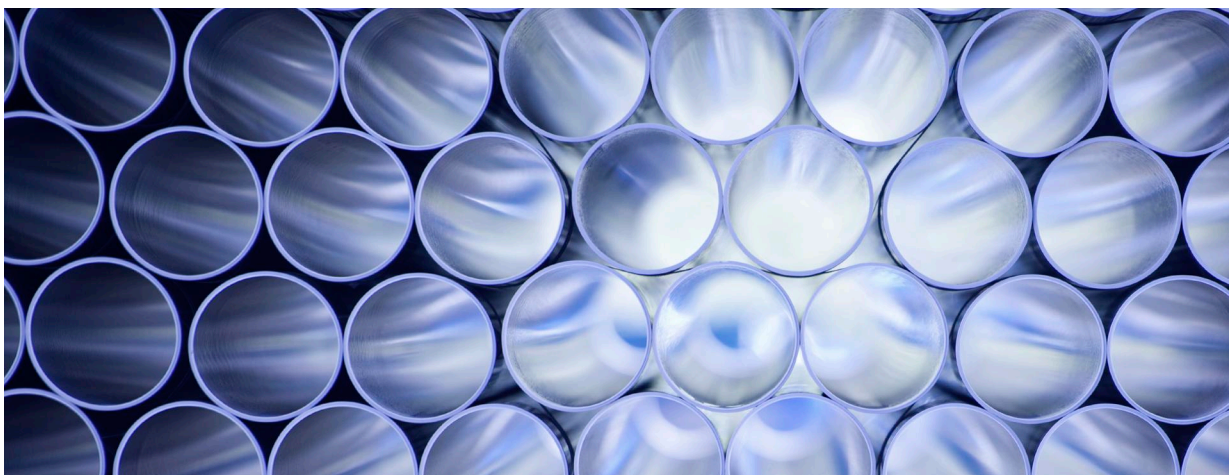


# **SEQ Water Supply and Sewerage Design & Construction Code**

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

# **SCHEDULE OF AMENDMENTS**

**Amendment No. 20 – April 2021**



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## Schedule of Amendments to SEQ Accepted IPAM Lists (Changes from December 2020 Version to April 2021 Version)

SEQ Accepted Civil IPAM List	
Whole of Document Change	
Composite lids	<p>Product descriptions in SEQ Civil IPAM list associated with 'WSA PS-292 Polymeric Access Covers and Frames for Drinking Water, Non-Drinking Water Supply and Sewerage to AS3996' have been updated.</p> <p>Product Descriptions referring to 'composite' lids, have been changed to 'polymeric' lids – to align with terminology used in WSA PS-292 (from WSA Product Specifications – Issue 7.3 Nov 2020).</p>
Category: Sewerage Pipes and Fittings- Non Pressure	
PE pipe - NuSewers	<p>Update acceptance requirements:</p> <p>Manufacturer/Supplier: Clover</p> <p>Trade Name: Clover / Rohr</p> <p>Size Range: DN110 – DN800</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
PE pipe - NuSewers	<p>New product in category:</p> <p>Manufacturer / Supplier name: Acu-Tech</p> <p>Trade Name: Acu-Tech</p> <p>Size Range: DN110 – DN800</p> <p>Urban Utilities Acceptance Requirements: PE is mandatory pipe for reticulation sewers, PE is preferred pipe for larger sewers.</p> <p>Where &gt; PN8 is required, dark internal pipe colour may be used with prior SP approval</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Redland City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p>
PE fittings - Fabricated	<p>New product in category:</p> <p>Manufacturer / Supplier name: Allmach PFS Pty Ltd</p> <p>Trade Name: Sewerstream</p> <p>Size Range: DN110 – DN315</p> <p>Unitywater Acceptance Requirements: Accepted for use</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>All other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
<p>New Product category:</p> <p>PE Flex Restraint Fitting (used as puddle flange)</p>	<p>New products in category:</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.2 July 2020): No WSAA PS</p> <p>Manufacturer / Supplier name: Georg Fisher</p>

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	<p>Trade Name: EF Flex Restraint                  Size Range: DN160 – DN1600                  and                  Manufacturer / Supplier name: Plasson                  Trade Name: Flex Restraint                  Size Range: DN160 – DN1600                  Specific Requirements/Minimum Class: PE100                  In accordance with manufacturer’s requirements                  City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP                  Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP                  Redland City Council Acceptance Requirements: NOT ACCEPTED BY SP                  Urban Utilities Acceptance Requirements: Accepted for use                  Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p>
Bonnetted knife gate valve - Stainless Steel	<p>Update acceptance requirements for products in the category:                  City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p>
<b>Category: Sewerage Pipes and Fittings - Pressure</b>	
PE pipe	<p>New product in category:                  Manufacturer / Supplier name: Acu-Tech                  Trade Name: Acu-Tech                  Size Range: DN40 – DN800                  Logan City Council Acceptance Requirements: Accepted for use                  Urban Utilities Acceptance Requirements: PE is preferred pipe material - PE shall be used unless specific site conditions dictate otherwise.                  All other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
PE fittings - Moulded	<p>Update acceptance requirements for the following products in the category:                  Manufacturer / Supplier name: Fusion Group / FusionPlast                  Trade Name: Fusamatic                  and                  Manufacturer / Supplier name: Guangdon Liansu / Crew Pipelines                  Trade Name: Lesso                  City of Gold Coast Acceptance Requirements: Spigot fittings only accepted</p>
New Product category: PE Flex Restraint Fitting (used as puddle flange)	<p>New products in category:                  WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.2 July 2020): No WSAA PS                  1 -PN16 minimum                  Manufacturer / Supplier name: Georg Fisher                  Trade Name: EF Flex Restraint                  Size Range: DN180 – DN1600                  and                  Manufacturer / Supplier name: Plasson                  Trade Name: Flex Restraint</p>

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	<p>Size Range: DN180 – DN1600</p> <p>Specific Requirements/Minimum Class: PE100</p> <p>In accordance with manufacturer’s requirements</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p> <p>All other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
<p>Resilient Seated Gate Valves, thermal bonded polymeric coating</p>	<p>Update of product listings according to WSAA Product Specifications reflecting changes outlined below:</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020):</p> <p><b>260</b></p> <p>4.1 - PN16</p> <p>4.2 - FI-FI, Soc-Soc, Sp-Sp, FI-Soc, FI-Sp, PE tailed and FI- gripper socket end configurations accepted</p> <p>4.3 - Integral By-pass on DN450 and larger (Not accepted by Unitywater and Urban Utilities)</p> <p>4.4 - Gear Box on DN600 and larger (Refer Mechanical List)</p> <p>4.5 - Anti-Clockwise closing</p> <p>4.6 - No requirement for spindle cap colour</p> <p>4.7 - Extension Spindle to WSA PS - 262</p> <p>4.8 - Spindle Cap</p> <p>4.9 - SBR &amp; EPDM</p> <p>4.10 - Stiffener inserts for PE pipe as per manufacturers requirements</p>
<p>Resilient Seated Gate Valves, thermal bonded polymeric coating</p>	<p>Update of product listings according to WSAA Product Specifications:</p> <p>The following products have been moved to their own sub-category as follows:</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020):</p> <p><b>278 (RSGVs with PE tails)</b></p> <p>4.1 - PN16</p> <p>4.2 - Anti-Clockwise closing Configurations accepted</p> <p>4.3 - No requirement for spindle cap colour</p> <p>4.4 - Extension Spindle to WSA PS - 262</p> <p>4.5 - Spindle Cap required</p> <p>Manufacturer/Supplier: AVK</p> <p>Trade Name: Series 36/80</p> <p>Size Range: Up to DN300</p> <p><u>and</u></p> <p>Manufacturer/Supplier: Hawle</p> <p>Trade Name: E2</p> <p>Size Range: Up to DN200</p>

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	<p>Specified Requirements/Minimum Class:</p> <p>All valves shall be restrained.</p> <p>All DI fittings to be wrapped.</p> <p>All Utilities Acceptance Requirements: Accepted for use</p>																		
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DAEMCO		DN100 - DN150																	
<p>New Product category: Metal seated gate valves, thermal bonded polymeric coating</p>	<p>New product in category:</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020):</p> <p><b>261</b></p> <p>4.1 – PN16</p> <p>4.2 – FI-FI</p> <p>4.3 – Gearbox typically on DN600 and larger (Refer Mechanical IPAM List)</p> <p>4.4 – Anti-clockwise closing</p> <p>4.5 – No requirement for spindle cap colour</p> <p>4.6 – Extension spindle to WSA PS-262</p> <p>4.7 – Spindle Cap</p>																		

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	<p>4.8 – SBR &amp; EPDM</p> <p>4.9 – Integral bypass not accepted by Urban Utilities.</p> <p>Manufacturer / Supplier name: AVK</p> <p>Trade Name: Series 580</p> <p>Size Range: DN375 – DN600</p> <p>Specified Requirements/Minimum Class: All DI fittings to be wrapped.</p> <p>All valves shall be restrained.</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p> <p>All other Utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
Valve extension spindles	<p>Update acceptance requirements for the following product in category:</p> <p>Manufacturer/Supplier: ANT Infrastructure Technologies</p> <p>Trade name: ANT</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p>
<b>Category: Sewerage Miscellaneous Items</b>	
Polymeric Riser Ring for Concrete Maintenance Holes	<p>Update acceptance requirements as follows:</p> <p>Manufacturer/Supplier: ICS Services</p> <p>Logan City Council Acceptance Requirements: Use is subject to prior approval by SEQ-SP. Use is only applicable to raising existing maintenance hole access cover &amp; frame.</p>
Ladders	<p>New sub-categories:</p> <p>Manufacturer/Supplier:</p> <p>Aluminium</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Redland City Council Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Urban Utilities Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p> <p><u>and</u></p> <p>Stainless steel</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</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>
Pre-cast Maintenance Holes	<p>Update size range <u>and</u> acceptance requirements as follows:</p> <p>Manufacturer/Supplier: Civilmart</p> <p>Trade name: Civilmart (BCP Precast)</p> <p>Size Range: MH and MS DN150 and DN225 sewers</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p>

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<p>Gas release valves</p>	<p>Update acceptance requirements for the following products:</p> <p>Manufacturer/Supplier:                      Trade Name:</p> <p>ARI Flow control</p> <p>Bermad</p> <p>Vent-O-Mat</p> <p>AVFI    ARV-3-N</p> <p>ISCO    Vent Master PX</p> <p>Redland City Council Acceptance Requirements for all products listed above: Use is subject to acceptance by SP</p>
<p>New Product Category: PVC-U heavy duty maintenance hole inspection bends</p>	<p>New product in new category:</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020):</p> <p><b>230</b></p> <p>4.1 - Plain wall</p> <p>4.2 – RRJ</p> <p>4.3 - Min SN10 for DN100 and SN8 for DN150 and larger</p> <p>4.4 - NBR or SBR or EPDM</p> <p>4.5 - Heavy duty fittings shall be used</p> <p>4.6 - Two moulded pieces welded by factory</p> <p>4.7 - Fibre reinforcement is not required</p> <p>Manufacturer / Supplier name: Plastec</p> <p>Trade Name: Plastec</p> <p>Size Range: DN100 RRJ/Sp (#19712)</p> <p>DN150 RRJ/Sp (#19714)</p> <p>DN150 Sp/Sp (#20041)</p> <p>Specified Requirements/Minimum Class: SN rating (SN8 or SN10) and letters “Heavy Duty” (Super Duty) shall be imprinted on the surface of fittings.</p> <p>This fitting is to be used for maintenance hole internal drops.</p> <p>DN150 Sp/Sp (#20041) is to be used for retrofitting on AC sewers only.</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>All other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
<p>Protective internal lining - Polyethylene</p>	<p>Update Specified Requirements/Minimum Class for all products in category:</p> <p>Mechanically anchored PE lining cast into wall &amp; underside of top slab. PE liner shall be light in colour i.e. either white, cream, beige or yellow.</p>

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**Category: Water Supply Pipes – Pressure**

PE pipe	<p>New product in category:</p> <p>Manufacturer / Supplier name: Acu-Tech</p> <p>Trade Name: Acu-Tech</p> <p>Size Range: DN25 – DN800</p> <p>Urban Utilities Acceptance Requirements: PE is preferred pipe material for reticulation mains in single and dual water supply systems – PE shall be used for reticulation mains unless specific site conditions dictate otherwise.</p> <p>Logan City Council Acceptance Requirements: Approved for water services and water mains &lt;= DN63 only. Other uses, or the use of larger diameters, are subject to acceptance.</p> <p>All other utilities Acceptance Requirements: Use is subject to acceptance by SP</p>																											
DI Pipe	<p>Update the Specified Requirements/ Minimum Class for the following products in this category:</p> <table border="1" data-bbox="507 869 1434 1265"> <thead> <tr> <th>Manufacturer/Supplier</th> <th>Trade Name</th> <th>Size Range</th> </tr> </thead> <tbody> <tr> <td>Beaver / Iplex</td> <td>Jindal SAW</td> <td>DN100 to DN750</td> </tr> <tr> <td>Xinxing / Iplex</td> <td>Ironite (XINAL400+ coating)</td> <td>Up to DN 750 (not 225)</td> </tr> <tr> <td>Vinidex</td> <td>ZAP-GP</td> <td>Up to DN 750 (not 225)</td> </tr> <tr> <td>Saint-Gobain</td> <td>PAM/TYTON</td> <td>DN100 – DN750 (not 225)</td> </tr> <tr> <td></td> <td>Hydroclass Zinalium</td> <td>DN100 – DN750 (not 225)</td> </tr> <tr> <td>Viadux</td> <td>DIMAX/TYTONXCEL Z+</td> <td></td> </tr> <tr> <td>Clover Pipelines</td> <td>Clover/Xinxing (ZnAIRE400)</td> <td>DN100 – DN750 (not 225)</td> </tr> <tr> <td>Clover Pipelines</td> <td>Clover/Samsun</td> <td>DN100 to DN300</td> </tr> </tbody> </table> <p>New Specified Requirements / Minimum Class: Coating shall be minimum 400g/m<sup>2</sup> Zn-Al alloy +100µm synthetic resin, or minimum 900µm polyurethane or approved equivalent.</p>	Manufacturer/Supplier	Trade Name	Size Range	Beaver / Iplex	Jindal SAW	DN100 to DN750	Xinxing / Iplex	Ironite (XINAL400+ coating)	Up to DN 750 (not 225)	Vinidex	ZAP-GP	Up to DN 750 (not 225)	Saint-Gobain	PAM/TYTON	DN100 – DN750 (not 225)		Hydroclass Zinalium	DN100 – DN750 (not 225)	Viadux	DIMAX/TYTONXCEL Z+		Clover Pipelines	Clover/Xinxing (ZnAIRE400)	DN100 – DN750 (not 225)	Clover Pipelines	Clover/Samsun	DN100 to DN300
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**Category: Water Supply Fittings – Pressure**

DI mechanical couplings - End Thrust Restraint (Gripper Type)	<p>Update acceptance requirements as follows:</p> <p>For the following products with WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020): <b>245 for PE</b></p> <table border="1" data-bbox="507 1617 1434 1859"> <thead> <tr> <th>Manufacturer/Supplier:</th> <th>Trade Name:</th> </tr> </thead> <tbody> <tr> <td>Hawle / Hygrade Water</td> <td>System 2000</td> </tr> <tr> <td>AVK</td> <td>Super Plus Restraint</td> </tr> <tr> <td>Daemco</td> <td>Xcel Restrained Coupling and Flange</td> </tr> <tr> <td>Adaptor</td> <td></td> </tr> <tr> <td>Victaulic Piping Products</td> <td>Victaulic Restrained Couplings Style 905</td> </tr> </tbody> </table> <p>Urban Utilities Acceptance Requirements: Accepted for use.</p>	Manufacturer/Supplier:	Trade Name:	Hawle / Hygrade Water	System 2000	AVK	Super Plus Restraint	Daemco	Xcel Restrained Coupling and Flange	Adaptor		Victaulic Piping Products	Victaulic Restrained Couplings Style 905
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Flange DI off-take clamps	<p>Update acceptance requirements as follows:</p> <p>For the following products in this category</p>												



	<p>Manufacturer/Supplier: PEHawle/Hygrade Water Derwent</p> <p>Trade Name: Haku Uniclamp</p> <p>Urban Utilities Acceptance Requirements: Accepted for use.</p>
<p>Resilient Seated Gate Valves, thermal bonded polymeric coating</p>	<p>Update of product listings according to WSAA Product Specifications reflecting changes further outlined below:                  WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020):  <b>260</b>                  4.1 - PN16                  4.2 - FI-FI, Soc-Soc, Sp-Sp, FI-Soc, FI-Sp and FI-gripper socket end configurations accepted                  4.3 - Integral By-pass on DN450 and larger (Not accepted by Unitywater and Urban Utilities)                  4.4 - Gear Box on DN600 and larger (Refer Mechanical List)                  4.5 - Anti-Clockwise closing                  4.6 - No requirement for spindle cap colour                  4.7 - Extension Spindle to WSA PS - 262                  4.8 - Spindle Cap                  4.9 - SBR &amp; EPDM                  4.10 - Stiffener inserts for PE pipe as per manufacturers requirements                  4.11 - For Urban Utilities, RSGVs shall only be used on mains ≤ 300 NB</p>
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	<p>Manufacturer/Supplier: Hawle</p> <p>Trade Name: E2</p> <p>Size Range: Up to DN200</p> <p>Specified Requirements/Minimum Class:</p> <p>All valves shall be restrained.</p> <p>All DI fittings to be wrapped.</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>All Other Utilities Acceptance Requirements: Accepted for use</p>																					
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	<p>Unitywater Acceptance Requirements: Use of gripper type RSGVs is subject to acceptance in Acid Sulphate Soils and Saline coastal environmental locations</p> <p>All Other Utilities Acceptance Requirements: Accepted for use</p>
Resilient Seated Gate Valves, thermal bonded polymeric coating	<p>Update of product listings according to WSAA Product Specifications (applies to one product on this category):</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020):</p> <p><b>260</b></p> <p>4.1 - PN25</p> <p>4.2 - FI-FI</p> <p>4.3 - Integral By-pass on DN450 and larger (Not accepted by Unitywater and Urban Utilities)</p> <p>4.4 - Gear Box on DN600 and larger (Refer Mechanical List)</p> <p>4.5 - Anti-Clockwise closing</p> <p>4.6 - No requirement for spindle cap colour</p> <p>4.7 - Extension Spindle to WSA PS - 262</p> <p>4.8 - Spindle Cap</p> <p>4.9 - SBR &amp; EPDM</p> <p>4.10 - For Urban Utilities, RSGVs shall only be used on mains <math>\leq</math> 300 NB</p> <p>Manufacturer / Supplier name: Reece</p> <p>Trade Name: Series DIMAX</p> <p>Size Range: DN80-300 (FL-FL)</p>
Resilient Seated Gate Valves, thermal bonded polymeric coating	<p>Update of product listings according to WSAA Product Specifications (applies to one product on this category):</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020):</p> <p><b>283</b></p> <p>1 - PN16 resilient seated gate valves for under pressure line stopping application for water supply</p> <p>2 - For Urban Utilities, RSGVs shall only be used on mains <math>\leq</math> 300 NB</p> <p>Manufacturer / Supplier name: Daepoong/ CNS Engineering</p> <p>Trade Name: S- Gate Valve</p> <p>Size Range: DN100 - DN250</p>
New Product category: Metal seated gate valves, thermal bonded polymeric coating	<p>New product in category:</p> <p>WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020):</p> <p><b>261</b></p> <p>4.1 - PN16</p> <p>4.2 - FI-FI</p> <p>4.3 - Gearbox typically on DN600 and larger (Refer Mechanical IPAM List)</p> <p>4.4 - Anti-clockwise closing</p> <p>4.5 - No requirement for spindle cap colour</p> <p>4.6 - Extension spindle to WSA PS-262</p>

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	<p>4.7 - Spindle Cap                  4.8 - SBR &amp; EPDM                  4.9 - Integral bypass not accepted by Urban Utilities                  4.10 - For Urban Utilities, MSGVs shall only be used on mains &gt; 300 NB                  Manufacturer / Supplier name: AVK                  Trade Name: Series 580                  Size Range: DN375 – DN600                  Specified Requirements/Minimum Class: All DI fittings to be wrapped.                  All valves shall be restrained.                  Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP                  Urban Utilities Acceptance Requirements: Accepted for use                  All other Utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
Hydrants	<p>New product in category:                  WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020):                  267                  4.1 - Nominal flange size – DN 80 or DN 100                  Manufacturer/Supplier: Weflo Valve / Reece                  Trade Name: DIMAX                  Size Range: DN80                  Specified Requirements/Minimum Class: Thermal bonded polymeric coating PN16                  Unitywater Acceptance Requirements: Accepted for use                  Urban Utilities Acceptance Requirements: Swab type only accepted.                  DN100 flanges to AS 4087 Fig B5.                  All other Utilities Acceptance Requirements: Use is subject to acceptance by SP</p>
Valve extension spindles	<p>Update acceptance requirements for the following product in category:                  Manufacturer/Supplier: ANT Infrastructure Technologies                  Trade name: ANT                  City of Gold Coast Acceptance Requirements: Accepted for use</p>
PE Fittings - Moulded (for mains and large service pipes)	<p>Update acceptance requirements for the following product in the category:                  Manufacturer / Supplier name: Fusion Group / FusionPlast                  Trade Name: Fusamatic                  City of Gold Coast Acceptance Requirements: Spigot fittings only accepted                  Accepted where PE pipes are approved to be used.</p>
PE Fittings - Moulded (for mains and large service pipes)	<p>Update acceptance requirements and size range for the following product as follows:                  Manufacturer/Supplier: Guangdon Liansu / Crew Pipelines                  Trade name: Lesso                  New Size Range: DN63 – DN800</p>

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	City of Gold Coast Acceptance Requirements: Spigot fittings only accepted. Accepted where PE pipes are approved to be used.
PE Flex Restraint Fitting (used as puddle flange)	Update products in category as follows: WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020): No WSAA PS 1 -PN16 minimum Manufacturer / Supplier name: Georg Fisher New Trade Name: EF Flex Restraint New Size Range: DN180 – DN1600 and Manufacturer / Supplier name: Plasson New Trade Name: Flex Restraint New Size Range: DN180 – DN1600 New Specific Requirements/Minimum Class: PE100 In accordance with manufacturer’s requirements Urban Utilities Acceptance Requirements: Accepted for use
<b>Category: Water Services</b>	
Ball valves - Water Service	Update acceptance requirements: Manufacturer/Supplier: Elson Trade Name: Elson Logan City Council Acceptance Requirements: Accepted for use
Ball valves - Water Service	Update size range for all products in category: New size range: DN20 & DN25
Ball valves - Water Service	Update acceptance requirements for the following products as follows: Manufacturer/Supplier:                      Trade Name: All Valve    Airaga Zetco TOF Strongcast    Strongcast City of Gold Coast Acceptance Requirements: Both M/F thread and PE compression joints are accepted <u>and</u> Gatic / Milne Elster RMC Austworld    LOGI VALVE City of Gold Coast Acceptance Requirements: M/F thread joints only accepted <u>and</u> Elson    Elson Galvin Engineering                                      Galvin Engineering City of Gold Coast Acceptance Requirements: Use is subject to acceptance

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	by SP
PE mechanical compression fittings for Small Diameter Water Service pipes	Update acceptance requirements for the following products as follows: Manufacturer/Supplier: Austworld Trade Name: LOGI CIVIL City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP <u>and</u> Manufacturer/Supplier: Strongcast Trade Name: Strongcast City of Gold Coast Acceptance Requirements: Only fittings with a copper alloy body and a copper alloy compression nut are accepted for use
PE mechanical compression fittings for Small Diameter Water Service pipes	Update acceptance requirements: Manufacturer/Supplier: Strongcast Size Range: DN25 & DN32 Urban Utilities Acceptance Requirements: Accepted for use
Meter boxes	Change category name to: Meter boxes – Class A
New product category Meter boxes – Class C	New product in new category: WSAA Product Specification No. with Service Provider Specific Requirements (Version 7.3 November 2020): No WSA PS 1 - Lid in Box at Class C to AS 39963 2 - Lid shall have a slip resistant pattern that is certified to AS/NZS4586 for Table 2 ( Class W ) and Table 5 ( Classification R11 ). 3 - Lids shall snap-lock into the box and shall include a metal device for Location and a separate 2 mm Galvanised Chain or 2 mm SS304 wire rope fixed to the lid and box. Manufacturer/Supplier: Strongcast Trade Name: SCCOLMED/SCLIDMED Size Range: 413L * 253W* 316 D All Utilities Acceptance Requirements: Use is subject to acceptance by SP
Pre-assembled single meter boxes	Update acceptance requirements for the following products as follows: Manufacturer/Supplier: All Valve Industries Trade Name: AVMB-2BSP/TD8 AVMB-2PE/TD8 City of Gold Coast Acceptance Requirements: Accepted assemblies are: AVMB-2PE – with/without meter, brass PE ends, standard supply. AVMB-2BSP – with/without meter, thread ends, supply on request only.
<b>Category: Water Supply Miscellaneous Items</b>	
<b>Category: Emergency Storage Chambers</b>	

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## SEQ Accepted Mechanical IPAM List

### Document Structure Changes

Products	Change
<b>PUMPS</b>	
Submersible Sewage Pump Station/ Lift Station Pumps	Update Manufacturer Name: Old Manufacturer/Supplier: Weir Minerals Australia New Manufacturer/Supplier: Hidrostal Australia Pty Ltd
Submersible Sewage Pump Station/ Lift Station Pumps	Update acceptance requirements for products listed as follows: Manufacturer/Supplier:                      Trade Name: Sulzer Pumps Aust Pty Ltd                      Sulzer Grundfos Pumps Pty Ltd                      Grundfos Wilo Australia Pty Ltd                      Wilo Logan City Council Acceptance requirements: NOT ACCEPTED BY SP <u>and</u> Hidrostal Australia Pty Ltd                      Hidrostal Logan City Council Acceptance requirements: Accepted for use Urban Utilities Acceptance requirements: Use is subject to acceptance by SP
Submersible sewage pump with grinder	Update acceptance requirements for products listed as follows: Manufacturer/Supplier:                      Trade Name: Grundfos Pumps Pty Ltd                      Grundfos Wilo Australia Pty Ltd                      Wilo Logan City Council Acceptance requirements: NOT ACCEPTED BY SP <u>and</u> Xylem Water Solutions Ltd                      Flygt KSB Australia Pty Ltd                      KSB Logan City Council Acceptance requirements: Accepted for use
Submersible sewage pump with grinder	New products added to category: Manufacturer/Supplier: Aquatec Fluid Systems Pty Ltd Trade Name: Omni Grind Turbine Pump Unitywater Acceptance requirements: Accepted for use Other Utilities Acceptance requirements: Use is subject to acceptance by SP
Vacuum generator pumps	Update acceptance requirements for products listed as follows: Manufacturer/Supplier: Busch Trade Name: Mink Rotary Claw Vacuum Pumps Logan City Council Acceptance requirements: Use is subject to acceptance by SP
Vacuum sewage discharge pump	Update Manufacturer Name: Old Manufacturer/Supplier: Weir Minerals Australia New Manufacturer/Supplier: Hidrostal Australia Pty Ltd
Vacuum sewage discharge pump	Update acceptance requirements for products listed as follows: Manufacturer/Supplier: Hidrostal Australia Pty Ltd Trade Name: Hidrostal Logan City Council Acceptance requirements: Use is subject to acceptance

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	by SP Urban Utilities Acceptance requirements: Accepted for use
Self priming sewage pump	Update acceptance requirements for product listed as follows: Manufacturer/Supplier: Hydro Innovations Trade Name: Gorman Rupp Logan City Council Acceptance requirements: Use is subject to acceptance by SP
End-suction centrifugal water pumps	New products added to category: Manufacturer/Supplier: Xylem Water Solutions Ltd Trade Name: Lowara Logan City Council Acceptance requirements: Accepted for use Other Utilities Acceptance requirements: Use is subject to acceptance by SP <u>and</u> Manufacturer/Supplier: Grundfos Pumps Pty Ltd Trade Name: Grundfos All Utilities Acceptance requirements: Use is subject to acceptance by SP
End-suction centrifugal water pumps	Update acceptance requirements for product listed as follows: Manufacturer/Supplier: Sulzer Pumps Aust Pty Ltd Trade Name: Sulzer Logan City Council Acceptance requirements: Use is subject to acceptance by SP
Axially split-casing centrifugal water pumps	New products added to category: Manufacturer/Supplier: Xylem Water Solutions Ltd Trade Name: Lowara Logan City Council Acceptance requirements: Accepted for use Other Utilities Acceptance requirements: Use is subject to acceptance by SP
Axially split-casing centrifugal water pumps	Update acceptance requirements for product listed as follows: Manufacturer/Supplier: Sulzer Pumps Aust Pty Ltd Trade Name: Sulzer Logan City Council Acceptance requirements: Use is subject to acceptance by SP
Multistage centrifugal water pumps	Update acceptance requirements for product listed as follows: Manufacturer/Supplier: Xylem Water Solutions Ltd Trade Name: Lowara Logan City Council Acceptance requirements: Accepted for use
<b>ACTUATOR/ SOLENOID VALVES</b>	
Electrical Actuator	New products added to category: Manufacturer/Supplier: George Fisher Trade Name: EA15 24vdc Actuator with ball valve All Utilities Acceptance requirements: Use is subject to acceptance by SP
Electrical Actuator	Update acceptance requirements for all products in category as follows: City of Gold Coast Acceptance requirements: Refer to CoGC Accepted Electrical Equipment List which is the Appendix B of the M&E Specifications
Solenoid Valve	Update acceptance requirements for product listed as follows: Manufacturer/Supplier: Trade Name:

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	<p>Burkett Norgren Logan City Council Acceptance requirements: Use is subject to acceptance by SP</p>	<p>Burkett Norgren Logan City Council Acceptance requirements: Use is subject to acceptance by SP</p>										
<b>MISCELLANEOUS ITEMS</b>												
Odour control	<p>Update size range: Manufacturer/Supplier: McBerns Trade Name: Vent &amp; Ground Mount Odour Filter Size Range: DN50, 100, 150, 300, 375 and 1200</p>											
Activated Carbon Media	<p>New products added to category: Manufacturer/Supplier: McBerns All Utilities Acceptance requirements: Use is subject to acceptance by SP</p>											
Pump station covers	<p>Update acceptance requirements for product listed as follows:</p> <table border="0"> <tr> <td>Manufacturer/Supplier:</td> <td>Trade Name:</td> </tr> <tr> <td>Hallco</td> <td>Hallco</td> </tr> <tr> <td>Multitrode</td> <td>Safehatch</td> </tr> <tr> <td>Southeast Stainless</td> <td>Southeast Stainless</td> </tr> <tr> <td>EJ</td> <td>EJ</td> </tr> </table> <p>Custom made Logan City Council Acceptance requirements: Use is subject to acceptance by SP <u>and</u> Custom made City of Gold Coast Acceptance requirements: Use is subject to acceptance by SP</p>		Manufacturer/Supplier:	Trade Name:	Hallco	Hallco	Multitrode	Safehatch	Southeast Stainless	Southeast Stainless	EJ	EJ
Manufacturer/Supplier:	Trade Name:											
Hallco	Hallco											
Multitrode	Safehatch											
Southeast Stainless	Southeast Stainless											
EJ	EJ											
Pump station covers	<p>New product added to category: Manufacturer/Supplier: Mass Products Logan City Council Acceptance requirements: Accepted for use All other Utilities Acceptance requirements: Use is subject to acceptance by SP</p>											
Temporary barricade system	<p>Update acceptance requirements for product listed as follows: Manufacturer/Supplier: Kennedy's Aluminium Trade Name: Railsafe Logan City Council Acceptance requirements: NOT ACCEPTED BY SP</p>											
Fall-arrest anchorage point	<p>New products added to category: Manufacturer/Supplier: SpanSet Australia <u>and</u> Manufacturer/Supplier: Stenhouse</p> <p>Specified Requirements/Minimum Class: Concrete installations: Flush mount 316 stainless steel. Bolted anchor point: Eye Bolt, 316 stainless steel. Load rating : 15 kN per person</p> <p>Logan City Council Acceptance requirements: Accepted for use Other Utilities Acceptance requirements: Use is subject to acceptance by SP</p>											

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<p>Davit base</p>	<p>New products added to category:                      Manufacturer/Supplier: SpanSet Australia                      Trade name: SpanSet Xtirpa  <u>and</u>                      Manufacturer/Supplier: Stenhouse                      Trade name: SpanSet Xtirpa</p> <p>Specified Requirements/Minimum Class:                      XTIN2007 - 3" 304 S/S FRESH CONCRETE DAVIT BASE, SUITABLE TO FOR FRESH CONCRET POURS.                      XTIN2005 - 3" 304 S/S FLOOR MOUNT DAVIT BASE FOR IN2003 MAST, SUITABLE TO BE CAST INTO CONCRETE.                      XTIN2105 - 3" 304 S/S CENTRE MOUNT FLOOR DAVIT BASE FOR IN2003 MAST, SUITABLE TO BE CAST INTO CONCRETE                      XTIN2013 - 3" 304 S/S WALL MOUNT DAVIT BASE FOR IN2003 MAST, SUITABLE TO BE CAST INTO CONCRETE.                      XTIN2072- 3" DAVIT BASE CAP SUITABLE TO FIT 3" BASES.                      Rubber/Plastic</p> <p>Logan City Council Acceptance requirements: Anchorage Connectors to meet the requirement of AS/NZS 5532                      Unitywater Acceptance requirements: Accepted for use                      Other Utilities Acceptance requirements: Use is subject to acceptance by SP</p>
<p>Davit base</p>	<p>Update acceptance requirements for all products listed as follows:                      Logan City Council Acceptance requirements: Anchorage Connectors to meet the requirement of AS/NZS 5532</p>
<p>Portable davit, complete with emergency retrieval self retracting lifeline</p>	<p>New products added to category:                      Manufacturer/Supplier: SpanSet Australia                      Trade name: SpanSet Xtirpa  <u>and</u>                      Manufacturer/Supplier: Stenhouse                      Trade name: SpanSet Xtirpa</p> <p>Logan City Council Acceptance requirements: Anchorage Connectors to meet the requirement of AS/NZS 5532                      Other Utilities Acceptance requirements: Use is subject to acceptance by SP</p>