

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

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

# **SCHEDULE OF AMENDMENTS**

**Amendment No.17 – May 2020**



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## Schedule of Amendments to SEQ Accepted IPAM Lists (Changes from February 2020 Version to May 2020 Version)

SEQ Accepted Civil IPAM List									
Whole of Document Change									
All product categories and all products	<p>Manufacturer / Suppliers: Iplex, Flowtite / Iplex, Beaver / Iplex, Crevet / Iplex, NIBF / Iplex,</p> <p>City of Gold Coast Acceptance Requirements: NOT ACCEPTED BY SP</p>								
Category: Sewerage Pipes and Fittings- Non Pressure									
PVC-U pipe and fittings - DWV system	<p>For the following products:</p> <p>Manufacturer / Supplier and Trade Names</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Iplex</td> <td>DWV PIPE</td> </tr> <tr> <td>Vinidex</td> <td>DWV SEWER</td> </tr> <tr> <td>Viadux</td> <td>D-FLO</td> </tr> <tr> <td>Micron Pipelines</td> <td>Micron Pipelines</td> </tr> </table> <p>Update Logan City Council Acceptance Requirements: DN100 at SN10 minimum, DN150 and larger at SN8 and Moulded Fittings at SN6 minimum</p>	Iplex	DWV PIPE	Vinidex	DWV SEWER	Viadux	D-FLO	Micron Pipelines	Micron Pipelines
Iplex	DWV PIPE								
Vinidex	DWV SEWER								
Viadux	D-FLO								
Micron Pipelines	Micron Pipelines								
DI Pipe	<p>Manufacturer / Supplier: Beaver-Jindal Australia/NZ</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p>								
DI pipe	<p>New product added:</p> <p>Manufacturer / Supplier: Vinidex</p> <p>Trade Name: ZAP-HAC</p> <p>Size range: DN100 – DN750</p> <p>Urban Utilites Acceptance Requirements: Accepted in applications where DI pipe is specified e.g. building over sewer applications</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance 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>								
PE pipe - NuSewers	<p>Manufacturers/suppliers name change:</p> <p>David Moss Corp amended to David Moss Corporation</p>								
PE fittings - Moulded	<p>New product added:</p> <p>Manufacturer / Supplier: David Moss Corporation</p> <p>Trade Name: DAMOS</p> <p>Size Range: Up to DN1000</p> <p>Urban Utilites Acceptance Requirements: Accepted for use</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to</p>								

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	<p>acceptance by SP</p> <p>Unitywater Acceptance Requirements: Accepted for Use</p>																
PE fittings - Moulded	<p>New product added:</p> <p>Manufacturer / Supplier: Fusion QLD</p> <p>Trade Name: Flo Right</p> <p>Size Range: Up to DN450</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance 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>																
PE fittings - Fabricated	<p>Manufacturers/suppliers and Trade Name change:</p> <p>Damos: HI-VIS amended to</p> <p>David Moss Corporation: DAMOS Hi-Vis Fittings</p>																
VC pipe	<p>All manufacturers/suppliers and trade names:</p> <p>Update Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p>																
Knife gate valve - Stainless Steel	<p>Manufacturers/suppliers name change:</p> <p>Pentair amended to Emerson</p>																
Knife gate valve - Ductile iron body	<p>Manufacturers/suppliers name change:</p> <p>Pentair amended to Emerson</p>																
<b>Category: Sewerage Pipes and Fittings - Pressure</b>																	
PVC-M pipe	<p>All manufacturers/suppliers and trade names:</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p>																
DI Pipe	<p>Specified Requirements / Minimum Class: PN20</p> <p>Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP</p>																
DI Pipe	<p>For the following products:</p> <p>Manufacturer / Supplier and Trade Names</p> <p>Beaver-Jindal Australia/NZ</p> <table border="0"> <tr> <td>Clover Pipelines</td> <td>Clover/Xinxing</td> </tr> <tr> <td>Vinidex</td> <td>ZAP-GP</td> </tr> <tr> <td>Beaver / Iplex</td> <td>Irontite (XINAL400+ coating)</td> </tr> <tr> <td>Beaver / Iplex</td> <td>Irontite (XINAL400+ coating)</td> </tr> <tr> <td>Vinidex</td> <td>ZAP-HAC</td> </tr> <tr> <td>Saint-Gobain</td> <td>PAM/TYTON Integral Zinalium</td> </tr> <tr> <td>Viadux</td> <td>PAM/TYTON Integral Zinalium</td> </tr> <tr> <td>Clover Pipelines</td> <td>Clover/Xinxing</td> </tr> </table> <p>Logan City Council Acceptance Requirements: updated to include "Coating</p>	Clover Pipelines	Clover/Xinxing	Vinidex	ZAP-GP	Beaver / Iplex	Irontite (XINAL400+ coating)	Beaver / Iplex	Irontite (XINAL400+ coating)	Vinidex	ZAP-HAC	Saint-Gobain	PAM/TYTON Integral Zinalium	Viadux	PAM/TYTON Integral Zinalium	Clover Pipelines	Clover/Xinxing
Clover Pipelines	Clover/Xinxing																
Vinidex	ZAP-GP																
Beaver / Iplex	Irontite (XINAL400+ coating)																
Beaver / Iplex	Irontite (XINAL400+ coating)																
Vinidex	ZAP-HAC																
Saint-Gobain	PAM/TYTON Integral Zinalium																
Viadux	PAM/TYTON Integral Zinalium																
Clover Pipelines	Clover/Xinxing																

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	shall be minimum 400g/m2 Zn-Al alloy+ 100µm synthetic resin, or minimum 900µm polyurethane or approved equivalent."
DI fittings - bends, tapers, tees/branches, connectors, risers & caps/blank ends	Manufacturer / Supplier: Viadux Trade Name: Tyton Joint amended to read Tyton Joint & Sureflow
DI fittings - bends, tapers, tees/branches, connectors, risers & caps/blank ends	Manufacturer / Supplier: Daemco Trade Name: Daemco Logan City Council Acceptance Requirements: Blank ends accepted for use
PE pipe	Manufacturers/suppliers and Trade Name change: David Moss Corp: Damos HI-VIS amended to David Moss Corporation: DAMOS
PE fittings - Moulded	New product added: Manufacturer / Supplier: David Moss Corporation Trade Name: DAMOS Size Range: Up to DN1000 Urban Utilities Acceptance Requirements: Accepted for use City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Unitywater Acceptance Requirements: Accepted for use
PE fittings - Moulded	New product added: Manufacturer / Supplier: Fusion QLD Trade Name: Flo Right Size Range: Up to DN450 Urban Utilities Acceptance Requirements: Accepted for use City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Unitywater Acceptance Requirements: Use is subject to acceptance by SP
Full face PE flanges	New product added: WSAA Product Specification No. 208 Moulded Manufacturer / Supplier: David Moss Corporation Trade Name: DAMOS Size Range: Up to DN1200 Urban Utilities Acceptance Requirements: Accepted for use City of Gold Coast Acceptance Requirements: Use is subject to acceptance

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	<p>by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
Steel pipe	<p>Manufacturer / Supplier: Pipe Lining and Coating</p> <p>Trade Name: Fusionkote</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP, DN610 minimum size</p>
Resilient seated gate valves, thermal bonded polymeric coating	<p>Manufacturer / Supplier: Daepoong/ CNS Engineering</p> <p>Trade Name: S- Gate Valve</p> <p>Logan City Council Acceptance Requirements: SP USE ONLY</p>
Resilient seated gate valves, thermal bonded polymeric coating	<p>New product added:</p> <p>Manufacturer / Supplier: Reece</p> <p>Trade Name: DIMAX</p> <p>Size Range: DN80 – DN300 (FI-FI) DN100 – DN150 (Soc-Soc) DN100 – DN150 (Sp-Sp)</p> <p>Specified Requirements / Minimum Class: Some valves may not need by-pass (check with SEQ SPs). All DI fittings to be wrapped All valves shall be restrained as per SEQ-WAT-1206-1. Valves that are not able to be restrained are not accepted</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilites Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Accepted for Use</p>
CC-GRP (centrifugally cast) pipe and Fittings - Sewer Pipe	<p>Manufacturer / Supplier: Superlit / Clover Pipelines</p> <p>Trade Name: Superlit</p> <p>Update Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p>
FW-GRP (filament wound) pipe and Fittings - Sewer Pipe	<p>All manufacturers/suppliers and trade names:</p> <p>Update Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p>
Flowmeter - Network Meter	<p>All manufacturers/suppliers and trade names:</p> <p>Update Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p>

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<b>Category: Sewerage Miscellaneous Items</b>	
Maintenance structure covers, frames and risers	<p>All manufacturers and products:</p> <p>Logan City Council Acceptance Requirements: Concrete Infill Covers are NOT ACCEPTED BY SP. Approval of Class D subject to ultimate state load of 240KN as per AS3996:2019. Class E to be used for motorway locations as per AS3996:2019</p>
New category: Polymeric Riser Ring for Concrete Maintenance Holes	<p>WSAA Product Specification No.: WSA-345            Manufacturer/Supplier: ISC Services            Trade Name: Cretex Pro-Ring            Urban Utilities 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> <p>City of Gold Coast Acceptance Requirements: Approved are Cretex Pro-Ring polymeric Class D angle, flat and grade make-up rings for sewer maintenance holes round of 610mm opening and rectangular of 914x610mm opening with thickness from 19 – 152mm.            Approved for retrofitting only.</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance 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 prior approval by SEQ-SP. Use is only applicable to raising existing maintenance hole access cover &amp; frame.</p>
Maintenance shaft covers, frames and risers DN<=450	<p>Product removed from category:            Manufacturer/Supplier: SYI Foundry/Aymroo            Trade Name: Aymroo (MSAYLIDCLB)</p>
Ladders	<p>All manufacturers and products:            Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p>
Pre-cast Concrete Converter Slab for Cast In-situ MHs	<p>Product category name change:            Pre-cast Concrete Converter Slab for Cast In-situ MHs changed to Pre-cast Concrete Converter Top Slab            For all Manufacturer/Suppliers:            Unitywater Acceptance Requirements: Accepted for use</p>
Valve pit access cover and frame	<p>Updated Specified Requirements / Minimum Class:            Refer Standard Drawings SEQ-SPS-1602-1 and SEQ-SPS-1606-1            For all Manufacturer/Suppliers:            Unitywater Acceptance Requirements: Use is subject to acceptance by SP</p>
New category: Valve pit lightweight composite lids and frames (non-corrosive)	<p>New products added:            Manufacturer/Suppliers: Prime Composites, EJ, Terra Firma, ACO SAKU            Specified Requirements / Minimum Class for all products in this category:            Refer Standard Drawings SEQ-SPS-1602-1 and SEQ-SPS-1606-1            Acceptance Requirements for all SPs: Use is subject to acceptance by SP</p>
Non-return valves - Swing check with counterweight lever arm	<p>Manufacturer / Supplier: AVFI            Trade Name: AVFI-RSFC amended to read AVFI-RSSC.</p>

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PE pipe	Manufacturers/suppliers and Trade Name change: David Moss Group amended to David Moss Corporation: DAMOS
<b>Category: Water Supply Fittings – Pressure</b>	
DI bends, tapers, tees/branches, connectors, risers & caps/blank ends	Manufacturer / Supplier: Derwent Industries Size Range: Amended to "Up to DN750"
DI fittings - bends, tapers, tees/branches, connectors, risers & caps/blank ends	Manufacturer / Supplier: Viadux Trade Name: Tyton Joint amended to read Tyton Joint & Sureflow
DI fittings - bends, tapers, tees/branches, connectors, risers & caps/blank ends	Manufacturer / Supplier: Daemco Trade Name: Daemco Logan City Council Acceptance Requirements: Blank ends accepted for use
Resilient seated gate valves, thermal bonded polymeric coating	Manufacturer / Supplier: Daepoong/ CNS Engineering Trade Name: S- Gate Valve Logan City Council Acceptance Requirements: SP USE ONLY
Resilient seated gate valves, thermal bonded polymeric coating	New product added: Manufacturer / Supplier: Reece Trade Name: DIMAX Size Range: DN80 – DN300 (FI-FI) DN100 – DN150 (Soc-Soc) DN100 – DN150 (Sp-Sp) Specified Requirements / Minimum Class: Anchor legs approved All valves shall be restrained as per SEQ-WAT-1206-1. Valves that are not able to be restrained are not accepted All DI fittings to be wrapped City of Gold Coast Acceptance Requirements: Accepted for use Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Urban Utilites Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Unitywater Acceptance Requirements: Use is subject to acceptance by SP
Butterfly Valves	Manufacturer / Supplier: Pentair / Viadux amended to read Emerson / Viadux
Ant Barrier devices for Hydrants	New products added: Manufacturer/Supplier: Hydrant Protection Trade Name: Retroguard

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	<p>Urban Utilities Acceptance requirement: Use is as directed by SP</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance 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><u>also</u></p> <p>Trade Name: Hydraguard</p> <p>Urban Utilities Acceptance requirement: Use is as directed by SP</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
<p>New product category: Debris and Ant Barrier Device</p>	<p>New product added: WSAA Product Specification No.: No WSA-PS Manufacturer/Supplier: Hydrant Services Trade Name: Ant and Debris Barrier</p> <p>Urban Utilities Acceptance requirement: Use as directed by SP</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Urban Utilities Acceptance Requirements: Use is subject to acceptance 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>Hydrant and Air Valve Isolating Valves</p>	<p>All manufacturers and products: Logan City Council Acceptance Requirements: DN100 Flange to AS4087 Fig B5 Swabbing type at main ends refer SEQ-WAT-1302-1</p>
<p>PE fittings - Moulded</p>	<p>New product added: Manufacturer / Supplier: Fusion QLD Trade Name: Flo Right Size Range: Up to DN450</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p> <p>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: Use is subject to acceptance 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>
PE Fittings - Moulded (for mains and large service pipes)	<p>New product added:</p> <p>Manufacturer / Supplier: David Moss Corporation</p> <p>Trade Name: DAMOS</p> <p>Size Range: Up to DN1000</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Accepted for Use</p>
Full face PE flanges (for reticulation sizes)	<p>Manufacturer/Supplier: Rodney / Vinidex</p> <p>Trade Name: Maxi Stub</p> <p>Size Range amended to: Up to DN450</p>
Full face PE flanges (for reticulation sizes)	<p>Manufacturer/Supplier: Fusion Group / FusionPlast</p> <p>Trade Name: Fusamatic</p> <p>City of Gold Coast Acceptance Requirements: Accepted where PE pipes are approved to be used</p> <p>Only DN125 – DN355 accepted</p>
Full face PE flanges (for reticulation sizes)	<p>New product added:</p> <p>WSAA Product Specification No. 208 DN63 and larger</p> <p>Manufacturer / Supplier: David Moss Corporation</p> <p>Trade Name: DAMOS</p> <p>Size Range: Up to DN355</p> <p>Urban Utilities Acceptance Requirements: Accepted for use</p> <p>City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Logan City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
Air Valves	<p>Manufacturer / Supplier: ISCO</p> <p>Trade Name: Vent Master PX</p> <p>Unitywater changed to: Accepted for Use</p>
Non-return valves - Swing check with counterweight lever arm	<p>Manufacturer / Supplier: AVFI</p> <p>Trade Name: AVFI-RSFC amended to read AVFI-RSSC.</p>

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Flowmeter - Network Meter	All manufacturers/suppliers and trade names: Update Logan City Council Acceptance Requirements: Use is subject to acceptance by SP
<b>Category: Water Services</b>	
Tapping bands for PE - mechanical	Manufacturer/Supplier: Hawle/ Hygrade Water Trade Name: Haku Size Range: DN280 – DN500 Unitywater changed to Not Accepted by SP
Ball valves - Water Service	New product added: Manufacturer/Supplier: All Valve Trade Name: Airaga Size Range: DN20 Urban Utilities Acceptance requirements: Use is subject to acceptance by SP City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Unitywater Acceptance Requirements: Accepted for use <u>also</u> Manufacturer/Supplier: Galvin Engineering New Trade Name: Galvin Unitywater Acceptance Requirements amended to: Not accepted for water services which must be lockable. Accepted in other situations.
Ball valves - Water Service	New product added: Manufacturer/Supplier: Elson Trade Name: Elson Size Range: DN20 Urban Utilities Acceptance requirements: Use is subject to acceptance by SP City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP Logan City Council Acceptance Requirements: Use is subject to acceptance by SP Redland City Council Acceptance Requirements: Use is subject to acceptance by SP Unitywater Acceptance Requirements: Accepted for use with requirements: Ball valves must be capable of being locked by the customer with their own padlock.
Meters - 32 mm (direct and sub-metering applications)	Manufacturer/Supplier: Elster V200 and Itron TD8 Unitywater requirements updated to "Testable backflow prevention device required"
Meters - 40 mm (direct and sub-metering applications)	Manufacturer/Supplier: Elster V100 (PSM-T) and Itron Flostar M Unitywater requirements updated to "Testable backflow prevention device required"
New product category:	New products added: Manufacturer/Supplier: Emerson

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<p>Y Strainer</p>	<p>Trade Name: VALVCHEQ                  Size Range: DN65 – DN300                  Specified Requirements / Minimum Class: PN16 Fusion bonded epoxy coated ductile iron                  Urban Utilities Acceptance requirements: Use is subject to acceptance by SP                  City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP                  Logan City Council Acceptance Requirements: Use is subject to acceptance by SP                  Redland City Council Acceptance Requirements: Use is subject to acceptance by SP                  Unitywater Acceptance Requirements: Accepted for use  <u>also</u>                  Manufacturer/Supplier: AVFI                  Trade Name: AS105F Cast Iron Y Strainer                  Size Range: DN50 – DN300                  Specified Requirements / Minimum Class: PN16 Fusion bonded epoxy coated ductile iron                  Urban Utilities Acceptance requirements: Accepted for use                  City of Gold Coast Acceptance Requirements: Use is subject to acceptance by SP                  Logan City Council Acceptance Requirements: Use is subject to acceptance by SP                  Redland City Council Acceptance Requirements: Use is subject to acceptance by SP                  Unitywater Acceptance Requirements: Use is subject to acceptance by SP. Ductile Iron is preferred.</p>
<p>Flowmeters</p>	<p>Manufacturer / Supplier: Arad Ultrasonica / RMC, Trade Name: Octave                  Urban Utilities Acceptance Requirements: Approved for fire system metering only. Only Stainless Steel bodied meters accepted.</p>
<p>Flowmeters</p>	<p>All manufacturers/suppliers and trade names:                  Specified Requirements / Minimum Class amended to read:                  Purple body for non-drinking water.                  Accuracy Class 1 or Class 2.                  Shall comply with relevant SEQ SP water meter/sub-meter specification and/or policy                  Logan City Council Acceptance Requirements: NOT ACCEPTED BY SP                  City of Gold Coast Acceptance Requirements: Accepted are:                  1: Arad Octave Ultrasonic min R=500 either DI or SS body.                  2: Siemens Sitrans FM Mag 8000 min R=400.</p>
<p>Flowmeters</p>	<p>Amended trade names:                  Manufacturer / Supplier: Siemens Eletromagnetic                  Trade name: Siemens Mag 8000 Advanced  <u>also</u>                  Manufacturer / Supplier: E &amp; H Electromagnetic                  Trade name: E &amp; H Promag W400  <u>also</u></p>

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	<p>Manufacturer / Supplier: ABB</p> <p>Trade name: WaterMaster, AquaMaster</p>
Meter boxes	<p>Manufacturer/Suppliers and size ranges as follows:</p> <p>Everhard Industries 368L * 271W * 316D (for 20 mm meters only)</p> <p>Everhard Industries 492L * 271W * 316D</p> <p>Draper 440L * 275W * 280D</p> <p>Strongcast 427L * 267W * 316D</p> <p>City of Gold Coast Acceptance Requirements: Blue Lid not permitted.</p> <p>DN40 long boxes for all new and/or retrofitting are the Viscount (Linpac) P7 pit collars with a "METER BOX" permanent label on an aluminium lid or approved equivalent;</p> <p>DN40 short boxes for retrofitting only are the Dura 15"x21"x12" valve box with a "METER BOX" permanent label on lid or approved equivalent</p>
Meter boxes	<p>Updated size range</p> <p>Manufacturer/Supplier: All Valve Industries</p> <p>Trade Name: AVMB</p> <p>Size Range: 445L * 288W * 320D</p>
Pre-assembled dual meter boxes	<p>New product added:</p> <p>Manufacturer/Supplier: All Valve</p> <p>Trade Name: AVMB-2BSP/TD8, AVMB-2PE/TD8</p> <p>Size Range: DN20</p> <p>Specified Requirements / Minimum Class: Shall comply with relevant SEQ SP water meter/sub-meter specification and/or policy. All components shall be approved fittings. No Slip couplings.</p> <p>Urban Utilities Acceptance requirements: NOT ACCEPTED BY SP</p> <p>City of Gold Coast Acceptance Requirements: Install pre-assembled dual boxes as per SEQ-NDW-2303-1 and 2304-1</p> <p>Logan City Council Acceptance Requirements: Subject to Approval of SP</p> <p>Redland City Council Acceptance Requirements: Use is subject to acceptance by SP</p> <p>Unitywater Acceptance Requirements: Accepted for use</p>
Reduced pressure zone device (RPZD), Reduced pressure detector assembly (RPDA)	<p>Manufacturer / Supplier: Pentair / Viadux</p> <p>amended to read Emerson / ValvCheQ</p>
<b>Category: Water Supply Miscellaneous Items</b>	
Detectable marker tape	<p>Manufacturer / Supplier: Wenac</p> <p>City of Gold Coast Acceptance Requirements: Accepted for use</p>
Security fencing	<p>Acceptance Requirements for Logan City Council: Refer to SEQ-SP for requirements.</p>
Valve pit access cover and frame	<p>Updated Specified Requirements / Minimum Class:</p> <p>Refer Standard Drawing SEQ-WAT-1307-3, SEQ-WAT-1308-1 and SEQ-WAT-1310-4</p>
Valve pit lightweight composite lids and	<p>New products added:</p> <p>Manufacturer/Suppliers: EJ, Terra Firma, ACO SAKU</p>

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frames (non-corrosive)	Specified Requirements / Minimum Class for all products in this category: Refer Standard Drawing SEQ-WAT-1307-3, SEQ-WAT-1308-1 and SEQ-WAT-1310-4 Acceptance Requirements for all SPs: Use is subject to acceptance by SP
<b>Category: Emergency Storage Chambers</b>	

<b>SEQ Accepted Mechanical IPAM List</b>	
<b>Document Structure Changes</b>	
<b>Products</b>	<b>Change</b>
<b>PUMPS</b>	
<b>ACTUATOR/ SOLENOID VALVES</b>	
Dual Input Spur Gearbox	New product added: Manufacturer / Supplier: SAMBO Trade Name: SAMBO SB-SR Multi Turn Spur Gearbox Size range: DN350 – DN750 Acceptance Requirements for all utilities: Use is subject to acceptance by SP
<b>MISCELLANEOUS ITEMS</b>	