

SEQ Water Supply and Sewerage Design & Construction Code

SEQ Accepted Infrastructure Products and Materials

SCHEDULE OF AMENDMENTS

Amendment No.16 – February 2020



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Schedule of Amendments to SEQ Accepted IPAM Lists (Changes from October 2019 Version to February 2020 Version)

SEQ Accepted Civil IPAM List	
Document Structure Change	
Category: Sewerage Pipes and Fittings- Non Pressure	
DI pipe	Manufacturer name updated from "Crevet/Iplex" to "Beaver/Iplex"
PE fittings - Fabricated	Damos HI-VIS DN110 - DN315 and Holman Holtech DN110 & DN160 Acceptance changed for Redland City Council to "NOT ACCEPTED BY SP". Manufacturer supplier changed from "Holtech" to "Holman".
Metal-banded flexible coupling	Products with trade names as follows: <ul style="list-style-type: none"> • DEKS shear banded coupling • Awaduct Flex Connect: • VIPSeal: Acceptances changed for Redland City Council to "accepted".
Polypropylene (PP) pipe	Product specification: "4.2 - SN10,000" Changed to "4.2 - SN10" Specified requirements/Minimum Class changed to: "Accepted DN450 or larger"
Category: Sewerage Pipes and Fittings - Pressure	
PVC-M pipe	Product: Iplex BLUERHINO Product name changed to RHINO Product: Viadux TUF-FLO Product name changed to PLASFLO
DI pipe	Vinidex ZAP-GP: PN35 and Flange Class and Vinidex ZAP-HAC: PN35 and Flange Class, CAC or HAC lining for corrosive flows. Acceptances for Vinidex ZAP changed for Redland City Council to "accepted". Manufacturer name updated from "Crevet/Iplex" to "Beaver/Iplex"
DI mechanical fittings - End Thrust Restraint (Gripper Type)	245 for PE: Victaulic Piping Products: Victaulic Restrained Couplings Style 905: Up to DN225 Acceptance changed for Redland City Council to "Accepted".
Steel pipe	Pipe Lining and Coating : Fusionkote: OD168 – 3624 Acceptances changed for Redland City Council to "Use is subject to acceptance by SP, DN610 minimum size".
Resilient seated gate valves, thermal bonded polymeric coating	DEEMCO size range updated from "DN80 to DN300 for Soc-Sp, DN80 to DN375 for FL" to include "DN100 to DN150 for gripper type". Acceptance for UU changed to "accepted" and for Unitywater changed to "Use of gripper type is subject to acceptance in Acid Sulphate Soils and Saline coastal environmental locations" For manufacturers: AVK, Hawle, Viadux, Karon / Challenger, AVFI, Betta, AAP Industries, Derwent Industries, DAEMCO Specified Requirements / Minimum Class have been changed to: "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.

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	Valves that are not able to be restrained are not accepted" Added size range for AVFI: DN80 -DN600
Category: Sewerage Miscellaneous Items	
Maintenance shaft covers, frames and risers DN<=450	Smartstream: Smartstream Top Hat- P8PEC Product removed from IPAM list as it is no longer available.
Plastic Maintenance Holes	Rehau AWASHAFT Unitywater acceptance changed to "Accepted for RIGSS, not accepted for NUSEWER.
Valve pit access cover and frame	Added product items from "Water Supply Miscellaneous Items". Item Product Specification Number, Item 4.10 – i.e. "Urban Utilities require QUU cast in as per Standard Drawings" removed and updated numbering of items below 4.10.
PVC-U fully moulded SN8 and SN10 heavy duty junctions and bends	Product category changed to "PVC-U fully moulded SN8 and SN10 heavy duty junctions, bends and inspection tees". Specified requirements changed to: "Currently approved are: Heavy duty RRJ Junctions (45 degree), bends (43, 45 and 88 degrees) and inspection tees for property connections SN rating (SN8 or SN10) and letters "Heavy Duty" (Super Duty) shall be imprinted on the surface of fittings. These one piece fully moulded junctions and bends are to be used for Type A and B sewer property connections and are approved alternatives to the currently approved multi-piece fabricated fibre reinforced fittings"
Precast concrete packaged sewage pumping stations	Added product category and added two products: Product specifications: "No WSAA-PS, Suppliers to manage the project and to coordinate the construction" Manufacturers: <ul style="list-style-type: none"> • Aquatec Size: DN2.25m and DN3.20m • Xylem Size: DN1.80m, DN2.20m and DN3.0m Specifications: To be used for reticulation systems only (not for trunk sewers), Subject to geotechnical conditions (e.g. not be used for water charged areas) Acceptances for CoGC as follows: <ul style="list-style-type: none"> • Aquatec Accepted as per Aquatec CoGC version drawing sets 2019.COGC.STD.2250.01 – 07 and 2019.COGC.STD.3200.01 – 07 submitted on 22/11/2019 • Xylem Accepted as per Xylem CoGC version drawing set Sheet 1 – Sheet 13 submitted on 22/11/2019 Acceptances for other SPs "Use is subject to acceptance by SP"
Category: Water Supply Pipes – Pressure	
PVC-M pipe	For manufacturers, Iplex, Vinidex, Viadux, Specified Requirements / Minimum Class changed to "Reiber ring accepted" Product names changed as follows: <ul style="list-style-type: none"> • Iplex RHINO • Vinidex HYDRO • Viadux Plaspipes Updated size range for Product:

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	Pipemakers, Pipemakers Enviromain to DN100 to DN300
DI CL Pipe	Vinidex ZAP–GP: PN35 and Flange Class. Acceptances for Vinidex ZAP changed for Redland City Council to "accepted". Manufacturer name updated from "Crevet/lplex" to "Beaver/lplex"
SCL pipe	Pipe Lining and Coating: Fusionkote: OD168 – 3624. Acceptance changed for Redland City Council to "Accepted for sizes >DN600".
Category: Water Supply Fittings – Pressure	
DI mechanical couplings - End Thrust Restraint (Gripper Type)	Victaulic Piping Products: Victaulic Restrained Couplings Style 905: Up to DN225 Acceptance changed for Redland City Council to "Accepted".
Resilient Seated Gate Valves, thermal bonded polymeric coating.	For all the following manufacturers: AVK, Hawle / Hygrade Water, Viadux, Karon / Challenger, AVFI, Betta, AAP Industries, Derwent Industries & DAEMCO Specified Requirements / Minimum Class changed to: "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" Added size range for AVFI: DN80 -DN600 DEEMCO size range updated from "DN80 to DN300 for Soc-Sp, DN80 to DN375 for FL" to include "DN100 to DN150 for gripper type". Acceptance for UU changed to "accepted" and for Unitywater changed to "Use of gripper type is subject to acceptance in Acid Sulphate Soils and Saline coastal environmental locations"
Valve & hydrant boxes (recycled plastics) & DI Covers	Replas / Civil Pipes, Acceptance changed for Redland City Council to "Coloured to SEQ-WAT-1300-1".
PE mechanical compression fittings for reduced size water mains	For manufacturers: George Fischer, Philmac / Philmac & Vinidex, Plasson, Talbot, Alprene, lplex, Viadux, Hydroflow / SAB S.p.A Acceptances changed for CoGC to "Use is subject to acceptance by SP" For Viega Geopress K Acceptance changed for CoGC to "Accepted" New product: Zetco TOF For all SPs "Use is subject to acceptance by SP". For CoGC acceptance is "Only fittings with a Copper Alloy body and a Copper Alloy compression nut are approved for use".
PE Fittings - Moulded (for mains and large service pipes)	Plasson size range changed to "Up to DN 710" Agru size range changed to "Up to DN 630"
Full face PE flanges (for reticulation sizes) 208 DN63 and larger.	Simona / Plasson, Simona Unitywater acceptance changed to "Use is subject to acceptance by SP"
Category: Water Services	
Tapping bands for PE - mechanical	Viega Geopress K, size range changed from "DN25 - DN 63" to "DN63 to DN180"

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	Moved Viega Geopress K listing to a new product category "Under pressure Tapping Valve for PE – mechanical"
Transition couplers	Viega Geopress K, size range changed from "DN 63 – DN180" to "Up to DN63"
Flowmeters	UU accepts the use of "Arad Ultrasonica / RMC"
Meters - 20 mm (direct and sub-metering applications)	Elster V100 (PSM-T) (WM202PD) GVT Acceptance changed for Unitywater to "NOT ACCEPTED BY SP".
Meters - 25 mm (direct and sub-metering applications)	Elster V100 (PSM-T) (WM252PD) Acceptance changed for Unitywater to "NOT ACCEPTED BY SP".
Meters - 40 mm (direct and sub-metering applications)	Elster V100 (PSM-T) Acceptance changed for Unitywater to "NOT ACCEPTED BY SP".
Category: Water Supply Miscellaneous Items	
Category: Emergency Storage Chambers	

SEQ Accepted Mechanical IPAM List	
Document Structure Changes	
Products	Change
PUMPS	
ACTUATOR/ SOLENOID VALVES	
Electrical Actuator	For all products in this category, acceptance change for Unitywater to "Refer to Unitywater's Accepted Electrical Equipment List"
Solenoid Valve	For all products in this category, acceptance change for Unitywater to "Refer to Unitywater's Accepted Electrical Equipment List"
Dual input spur gearbox	Added new product category. Added two products: Manufacturer/Supplier: Acrodyne/Limitorque Trade name: Acrodyne Spur Gear (V-Type) Size: DN350 to DN750 Manufacturer/Supplier: Rotork Trade name: Rotork IS Multi-turn Spur Gearbox Size: DN350 to DN750 Specified requirements for both: Gearboxes shall comply with AS/NZS 2638.2 Section 6. Input shaft and output sleeve shall operate in the same direction. Directional arrows for open/close operation to be stamped on drive spindles. Acceptance: Use is subject to acceptance by SP for all entities

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	<p>Changed category name from "Dual input spur gearbox- gate valves" to "Dual input spur gearbox- gate valve assemblies"</p> <p>Added a new product:</p> <p>Manufacturer/Supplier: AVK</p> <p>Trade name: AVK Series 55 valve with Acrodyne AG-V10 Spur Gearbox or Rotork IS Spur Gearbox</p> <p>Size: DN450 to DN600</p> <p>Specified requirements for both: Gearboxes shall comply with AS/NZS 2638.2 Section 6.</p> <p>Input shaft and output sleeve shall operate in the same direction.</p> <p>Directional arrows for open/close operation to be stamped on drive spindles.</p> <p>Acceptance: Use is subject to acceptance by SP for all entities</p>
Dual input gearbox-gate valve assemblies	This category removed from the Mechanical IPAM list.
MISCELLANEOUS ITEMS	
Biofilter media	<p>Added new product category. Added two products:</p> <p>Manufacturer/Supplier: Clean TeQ Aromatix</p> <p>Manufacturer/Supplier: Oda Treatment Technologies</p> <p>Trade name: Odatech Biomedia</p> <p>Acceptance: Use is subject to acceptance by SP for all entities</p>
Activated Carbon Media	<p>Added new product category. Added one product:</p> <p>Manufacturer/Supplier: Activated Carbon Technologies</p> <p>Trade name: Acticarb EA1000K</p> <p>Acceptance: Use is subject to acceptance by SP for all entities</p>