

SEQ Water Supply and Sewerage Design & Construction Code

SEQ Accepted Infrastructure Products and Materials

SCHEDULE OF AMENDMENTS

Amendment No.12 – October 2018



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Schedule of Amendments to SEQ Accepted IPAM Lists (Changes from May 2018 Version to October 2018 Version)

SEQ Accepted Civil IPAM List	
Document Structure Change	
Category: Sewerage Pipes and Fittings- Non Pressure	
PVC-U pipe and fittings - DWV system	Updated Col G with 'SN10'
DI Pipe	Updated Col B point 4.1 to 'PN35' Added Beaver-Jindal Australia/NZ and updated Col as required
PE pipe – NuSewers	Added new manufacture 'ACP' updated associated columns for new product
PE fittings – Moulded	Updated Agru Trade name to 'Agruline' and associated columns
Metal-banded flexible coupling	Added product from 'Rehau' trade name 'Flex Connect' updated associated columns Added new requirement to Col F "Not to be used for PE pipes"
Non-return Valves	Added new product from 'HMA Flow & Industrial – Valveco' trade name 'Proflex Rubber Check Valve' updated associated columns
Category: Sewerage Pipes and Fittings - Pressure	
PVC-O Pipe	Added new 'Pipemakers' product 'TOM©' updated associated columns
DI Pipe	Changes to approved products have occurred to meet higher coating specification requirements; Removal of Viadux Tytonxcel and Tytonxtreme products Removal of Vinidex LINK-GP and HAC products Added Viadux product 'PAM/TYTON Integral Zinalium' Added Beaver-Jindal Australia/NZ products and updated service provider columns as required Updated Crevet / Iplex 'Irontite' to 'Irontite (XINAL400+ Coating)' Updated Saint-Gobain product trade name to PAM/TYTON Integral Zinalium Updated Col G to include 'Coating shall be minimum 400g/m2 Zn-Al alloy+µm synthetic resin or minimum 900µm polyurethane or approved equivalent' & Not Accepted by SP for PN20 sizes Formatting changes to specified requirements Merged 'PN35' and 'Flange Class' products into 'PN35 and Flange class" Merged 'Flange Class, CAC lining for corrosive flows', 'PN35 with CAC lining; Flange Class with CAC lining' & PN35 CAC lining for corrosive flows' into PN35 and Flange Class, CAC lining for corrosive flows
DI fittings - bends, tapers, tees/branches, connectors, risers & caps/blank ends	Updated Clover Pipelines trade name to Clover and updated Col E size range
316 SS repair and flanged off-take clamps	Updated 'AVK' for Col G to 'Type R accepted only'
DI mechanical fittings - End Thrust Restraint	Updated Col F with 'Synoflex and +GF+ 3000 Plus are 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.

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(Gripper Type)	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. Synoflex and +GF+ 3000 Plus are not to be used on PVC and GRP pipes' Updated col K with additional requirements
DI flanged telescopic flexible fitting	Updated Col J to 'Use by SP only'
PE fittings - Moulded - High Stress Crack Resistant (HSCR) Polyethylene	Updated Col J to 'Accepted up to DN 355'
PE fittings – Moulded	Updated Col I to 'Use is subject acceptance by SP' for all products Updated Col K for product 'Mako' to 'Only Butt-welded Spigot fittings accepted'
Full face PE flanges	Updated Col I with 'Use is subject to acceptance by SP'
Resilient seated gate valves, thermal bonded polymeric coating	Updated Col E size range for 'Betta' product Updated Col K for 'AVK' products with 'Use of AVK SupaPlus restrained couplings is subject to acceptance in Acid Sulphate Soils and Saline coastal environmental locations' Updated 'Betta' products Col K with 'Use of Betta Valves with griper/restraint joint is subject to acceptance in Acid Sulphate Soils and Saline coastal environmental locations'
CC-GRP (centrifugally cast) pipe and Fittings - Sewer Pipe	Updated col B point 4.2
FW-GRP (filament wound) pipe and Fittings - Sewer Pipe	Updated col B point 4.2
Category: Sewerage Miscellaneous Items	
Maintenance structure covers, frames and risers	Included 'are' in Col G, H,I
Valve box and cover C.I. & D.I.	Added new product 'Hygrade Water' updated associated Col
Concrete-Special Class (for Maintenance hole and for concrete in aggressive environment)	Updated Col G requirements with 'Calcareous aggregate size to be 10mm minimum. Admixtures shall be non-chloride type'
Gas release valves	Updated col H for 'Odour Technologies' with 'Not Accepted by SP'
PVC-U Fabricated Fittings Fibreglass reinforced PVC Type 'D' junctions & fittings	Updated Col C 'Fabfit' to 'Holman Industries'
PVC-U SN8 long radius bends	Updated Col C 'Fabfit' to Holman Industries'
Protective internal coating - other coating	Added new product from 'BASF' updated associate col

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types	Added new Product from 'Building Chemical Supplies' Updated associated Col
Category: Water Supply Pipes – Pressure	
PVC-M pipe	Updated Col G with 'Either PN20 PVC-M or PN35 DI/DICL shall be used for carriageways and industrial/commercial areas.'
PVC-O pipe	Added new Product from 'Pipemakers' 'TOM©' updated associated Col
DICL Pipe	<p>Changes to approved products have occurred to meet higher coating specification requirements</p> <p>Removal of Viadux Tytonxcel and Tytonxtreme products</p> <p>Removal of Vinidex LINK-GP and HAC products</p> <p>Added Viadux product 'PAM/TYTON Hydroclass Zinalium'</p> <p>Added Beaver-Jindal Australia/NZ products and updated Service provider columns as required</p> <p>Updated Crevet / Iplex 'Irontite' to 'Irontite (XINAL 400+ Coating)</p> <p>Updated Saint-Gobain product trade name to 'PAM/TYTON Hydroclass Zinalium'</p> <p>Updated Clover Pipelines trade name to Clover/Xining (ZnAIRE400)</p> <p>Updated Col G to include 'Coating shall be minimum 400g/m2 Zn-Al alloy+µm synthetic resin or minimum 900µm polyurethane or approved equivalent'</p> <p>Updated Col G on Not Accepted by SP for 'PN20'</p> <p>Formatting changes to specified requirements</p> <p>Merged 'PN 35', 'Flange Class' and PN 35, Flange Class' to PN 35 and Flange Class'</p>
DI Pipe - ISO	Updated Col G 'Either PN20 PVC-M or PN35 DI/DICL shall be used for carriageways and industrial/commercial areas.'
PE pipe	<p>Updated Col E with 'DN'</p> <p>Updated Col G with 'to DN63'</p> <p>Updated Col J with 'PE is preferred pipe material for single and dual water supply systems - PE shall be used unless specific site conditions dictate otherwise. Either solid or striped colours are permitted for single and/or dual water supply systems.'</p>
Category: Water Supply Fittings – Pressure	
Lightweight DI bends, tees/branches & connectors	Updated Col D for Clover Pipelines with 'Clover'
DI mechanical couplings - Non End Thrust Restraint	Updated Col D for Clover Pipelines with 'Connect VPC'
DI mechanical couplings - End Thrust Restraint (Gripper Type)	<p>Updated Col F with new requirements 'Synoflex and +GF+ 3000 Plus are 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>Use of Synoflex and +GF+ 3000 plus is not accepted on PVC and GRP pipe materials'</p>

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DI flanged telescopic flexible fitting	Updated Col J with 'Use by SP Only'
Pretapped connectors	Updated Col D with 'Clover'
316 SS repair clamps, flanged off-take clamps & BSP tapping clamps	Updated Col G for 'AVK' with "Type R accepted only"
Resilient Seated Gate Valves, thermal bonded polymeric coating.	Updated Col E for 'Hawle / Hygrade Water' E2 FL Ends to 'DN100 – 200' Updated Col E for 'Beta' products DN80 – DN600 Updated Col K for AVK with 'Use of AVK SupaPlus restrained couplings is subject to acceptance in Acid Sulphate Soils and Saline coastal environmental locations' Updated Col K for Beta with 'Use of Beta Valves with griper/restraint joint is subject to acceptance in Acid Sulphate Soils and Saline coastal environmental locations'
Hydrants	Updated Col D for 'Derwent industries' to 'Derwent standard and Swab' Updated Col G and I from 'DN80' to 'DN100' Updated Col J for 'Derwent Industries and Dobbie Dico' to 'Swab type only accepted. DN100 flanged to AS 4087 Fig B5.' Updated Col K to 'Swab type only accepted. All new hydrants are to be 100 mm with 100 mm flanges, 100 mm risers and spring heads'
Valve box & cover C.I. or D.I.	Added 'D.I.' into Col A Added new product from 'Hygrade Water' Updated associated cols Updated Col G with 'Water Service ferrule Boxes for footpath are Viadux MFNSW-PTHBX or approved equivalent and for roadway are Viadux MVGQ or approved equivalent as per Item 41 of 11-133 and as shown on 11-134 of CoGC metering standard drawings. Lids colour e.g. white are preferred to be painted in factory'
Hydrant box & cover C.I. or D.I.	Added 'D.I.' into Col A Added new product from 'Hygrade Water' Updated associated cols Updated Col G with 'Lids colour yellow are preferred to be painted in factory'
Valve & hydrant boxes (recycled plastics) & DI Covers	Added product from 'Civilpipes' updated associated cols
PE Fittings - Moulded (for mains and large service pipes)	Updated Col K for 'Mako' from 'Use is subject to acceptance by SP' to 'Only butt welded spigot fittings accepted'
PE fittings - Moulded - High Stress Crack Resistant (HSCR) Polyethylene (for mains and large service pipes)	Updated Col D trade name to 'Agruline' Updated Col J with 'Accepted up to DN355'
DI Restraint fittings (for PE) - couplings, flange adaptors, tees, bends, end caps	Updated Col K for AVK with 'Use of AVK SupaPlus restrained coupling is subject to acceptance in Acid Sulphate Soils and Saline coastal environmental locations' Updated Col K for 'Daemco' with 'Use of Daemco Xcel Restrained Couplings is subject to acceptance in Acid Sulphate Soils and Saline coastal environmental locations'

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Category: Water Services	
Tapping saddle for PE - Electrofusion - High Stress Crack Resistant (HSCR)	Updated col D for 'Agru' to 'Agruline'
Meters - 20 mm (direct and sub-metering applications)	Updated Col G with 'Use is Subject to acceptance by SP' for 'Elster V200'
Meters - 25 mm (direct and sub-metering applications)	Updated Col G with 'Use is Subject to acceptance by SP' for 'Elster V200'
Category: Water Supply Miscellaneous Items	
Category: Emergency Storage Chambers	

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

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