

SEQ Water Supply and Sewerage Design & Construction Code

SEQ Accepted Infrastructure Products and Materials

SCHEDULE OF AMENDMENTS

Amendment No.3 – January 2015



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Schedule of Amendments to SEQ Accepted IPAM Lists (Changes from August 2014 Version to January 2015 Version)

SEQ Accepted Civil IPAM List	
Products	Change
Category: Sewerage Pipes and Fittings- Non Pressure	
DI pipe	<p>Changed the supplier of Von Roll from Promains to Reece.</p> <p>Added Pentair Tytonxtreme PN35 pipes for QUU for where DI pipe is specified.</p> <p>Changed Von Roll for QUU from “Note Accepted by SP” to “Use is subject to acceptance by SP”.</p>
PE fittings	<p>In Col A added word Moulded into the title name.</p> <p>In Col B:</p> <p>For item 4.2 added Butt welding next to Electrofusion, and removed the requirement of “Electrofusion to be elongated type” to Col F.</p> <p>For item 4.3 removed all fabricated fittings.</p> <p>Changed EN1519-1 to EN1555.</p>
PE MH connectors	<p>Changed the title to PE fittings – fabricated.</p> <p>In Col B:</p> <p>Changed WSA PS number from 208 to 216.</p> <p>Added specifications of 4.1 & 4.2 and fittings types.</p>
Steel pipe	<p>Changed the existing note for QUU to the following: “Sintapipe accepted in applications where steel pipe is specified.”</p>
DI IO bends or X Drop fitting	<p>Added Clause 4.5 the requirement of thermal-bonded coating.</p> <p>Removed Bundaberg Metal.</p> <p>Renamed NIBF to Crevet.</p>
DI mechanical couplings – Non End Thrust Restraint	<p>In Col I changed the Deks product status for RCC by adding “Use of DEKS FLEXI-GIB is subject to acceptance by SP”.</p>
Category: Sewerage Pipes and Fittings- Pressure	
DI fittings	<p>Added Galvin DI fittings for GCCC and LCC.</p>
Flange 316 SS offtake clamps	<p>In Col E deleted the word Offtake to remove any doubt.</p> <p>Added new product Hawle Haku flanged offtake supplied by Hygrade Water for UW.</p>
DI mechanical couplings – Non End Thrust Restraint	<p>In Col I changed the Deks product status for RCC by adding “Use of DEKS FLEXI-GIB is subject to acceptance by SP”.</p>
PE pipe	<p>Added size of DN560.</p>
PE pipe installed by directional drilling	<p>Added sizes of DN180 & DN560.</p>
PE fittings	<p>In Col B:</p> <p>Added 2(a) AS/NZS4129 or EN1555 or EN12201 or EN13244 is acceptable.</p> <p>For item 4.2 replaced Mechanical with butt weld.</p> <p>For item 4.3 added couplings, reducers and end caps.</p> <p>In Col F replaced reticulation size with DN450 and larger sizes.</p>

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Full face PE flanges	In Col B: Under 208, for item 4.2 replaced mechanical with butt weld. Under 216, for item 4.2 replaced PE flange with Electrofusion and butt weld. Under 216, for items 4.3 to 4.5, reworded the item number and wording.
Category: Sewerage Miscellaneous Items	
Maintenance hole lightweight composite lids and frames (non-corrosive).	Re-arranged the products to create a new product title named "Maintenance shaft covers & frames". Added specifications under Col B for both titles. Added Smartstream Top Hat Class D DI cover & frame for GCCC and UW under the new title. Added Aymroo Class B CI cover & frame for LCC under the new title.
Maintenance hole covers	Renamed the title to "Emergency storage maintenance hole cover" and added specification under Col B.
Ladders	Added PBT material for Col B. Added QUU not accept Aluminium for Col J.
MS PVC MS PE MS PP	For Logan City Council only in Col H, replace all existing with following: “ <ul style="list-style-type: none"> • Maximum sewer diameter DN225. • Maximum depth to invert 2 metres. • Minimum Riser diameters: <ul style="list-style-type: none"> ○ DN600 where there are drop sewer entries; ○ DN300 where there are drop house connection entries; ○ DN300 where there are 2 or more incoming pipes into the MS base; else ○ DN225 is the minimum under all other circumstances.’
Concrete – special class	For Col A added (for Maintenance hole and for concrete in aggressive environment) into the title. For Col B correct S40 to SCC40 and GP cement to SR cement to ensure WSA114 special class to be used, rather than any special class.
Gas release valve	Changed ISCO as the supplier of Vent Master PX valve.
Protective lining & coating (including PE lining)	Added this new row and made a note "Refer to mechanical IPAM list".
Category: Water Supply Pipes - Pressure	
PE pipes	Added sizes of DN40 and DN50
Category: Water Supply Fittings - Pressure	
DI bends DI tapers, tees & branches/connectors, risers	Merged and re-arranged the two titles to have the lightweight and normal DI fittings in separate rows. This is to make the DI fittings list clearer.
DI tappers, tees & branches/connectors, risers	Added trade name of Tyton Joint for Pentair DI fittings. Added Galvin DI fittings for GCCC and LCC.
DI mechanical couplings – Non End Thrust Restraint	In Col I changed the Deks product status for RCC by adding "Use of DEKS FLEXI-GIB is subject to acceptance by SP".

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Flanged SS316 off-take clamps	In Col E deleted word "offtake" to remove confusing. Added new product Hawle Haku flanged offtake supplied by Hygrade Water for UW.
Resilient seated gate valve	Added Pentair Auslite II RSGV DN100 to DN300 approved for GCCC and LCC.
Hydrant	In Col C deleted suppliers of Gatic/Milne and Toowoomba Foundary. In Col D deleted "swab & non-swab" keep only Sureflow for Pentair. Added "normal & Swab" for Betta hydrant. In Col J and H replace swash with swab and slightly re-worded sentences.
PE mechanical compression fittings	In Col B and Col E replace Up to DN63 to "DN25 to DN50".
PE fittings	In Col A moved fitting types (couplings, tees and bends etc) into Col B item 4.3. In Col B reworded item 2.(a) and replaced EN1529 with EN1555. For item 4.2 added butt weld next to electrofusion. For 4.3 replace existing text with fitting type (configuration e.g. coupling, tee and bend etc). Merged the Col F and replaced the size requirement with "DN450 and larger". Added new approved Agru PE fittings for GCCC.
Full face PE flanges	In Col F added word "flanged" after DN80 & DN100 for hydrant.
Air valves	Added Vent Master PX supplied by ISCO for GCCC.
Category: Water Services	
Tapping band for PE - mechanical	UW approved Hawle Haku fittings
Meter 50mm and larger (direct metering applications)	Added requirement for QUU that "Above ground installation with external top accessible (basket type) inline strainers are required".
Meter 50mm and larger (sub-metering applications)	Added requirement for QUU that "Above ground installation with external top accessible (basket type) inline strainers are required".
Meter boxes	Merged the 20mm and 25mm meter boxes with their own sizes to make sense.
Single check detector check valve	In Col F change spring set from 35 to 50 kpa. For QUU Col J, delete all the parts numbers and reworded the rest.

SEQ Accepted Electrical IPAM List

Product Type	Change

SEQ Accepted Mechanical IPAM List

Products	Change
PUMPS	
Submersible sewage pump station/lift station pumps	Added Wilo pumps for LCC and RCC.
Submersible sewage pump with grinder	Added Wilo pumps however No SEQ-SP has approved it.
ACTUATOR/ SOLENOID VALVES	
MISCELLANEOUS ITEMS	
Protective internal lining – Polyethylene	Rewording the title from “coating” to “lining” for PE lining to remove any confusing.
Protective internal coating – other coating types (Int.)	Removed Wattle, added Hychem and International Paints, reworded SP specific conditions for GCCC.
Protective external coating (Ext.)	Added this new row for external coating of Oxydur PTB supplied by Steuler KCH. Specified internal coatings (Int.) as alternative for external coating for GCCC.