

A	B	C	D	E	F	G	H	I	J	K
Product	WSAA Product Specification No. with Service Provider Specific Requirements	Manufacturer / Supplier	Trade Name	Size Range	Specified Requirements / Minimum Class	City of Gold Coast	Logan City Council	Redland city Council	QUU	Unitywater
<p><b>Notes:</b>  <b>WSAA Product Specification</b> WSAA Product Specifications are available from www.wsaa.asn.au . Section 4 of the WSAA Product Specifications is for "Agency or Project Specific Requirements". The SEQ requirements are specified below.  <b>Manufacturer/Supplier</b> Products may be sourced from alternative Suppliers than those listed provided that the products are manufactured by a Manufacturer whose name, and the products' trade name, appear on the list.  <b>Size Range</b> Size ranges need to be read in conjunction with the relevant clauses of the SEQ versions of the WSAA Codes (e.g. Water Supply Code Clause 3.1.1; Sewerage Code Clause 10.6; Pressure Sewerage Code Clause 4.5.3.1; etc.)  <b>Blank Cells</b> in the five columns under the service provider's names cells that are blank indicate that the product listed on that row are acceptable to the service provider.  <b>'Use is subject to acceptance by SP'</b> Contact the service provider to determine if the use of this product is acceptable in the proposed circumstance.</p>										
<b>3 PUMPS</b>										
Submersible Sewage Pump Station/ Lift Station Pumps		Sulzer Pumps Aust Pty Ltd Grundfos Pumps Pty Ltd Homa Pump Technologies Xylem Water Solutions Ltd KSB Australia Pty Ltd Weir Minerals Australia	Sulzer Grundfos Homa Flygt KSB Hidrostal			SP does not accept Homa pumps and Weir pumps. Use of KSB Pump is subject to acceptance by SP.	SP does not accept Homa pumps and Weir pumps. Use of KSB Pump is subject to acceptance by SP.	SP does not accept Homa pumps and Weir pumps. Use of KSB Pump is subject to acceptance by SP.		New pump station installations are to be fitted with Forrers duckfoot bends with Forrers locking plates fitted to the pump discharge flange. Unitywater does not accept Homa pumps. The use of Hidrostal pump is subject to acceptance by SP
Submersible sewage pump with grinder		Sulzer Pumps Aust Pty Ltd Grundfos Pumps Pty Ltd Xylem Water Solutions Ltd KSB Australia Pty Ltd	Sulzer Grundfos Flygt KSB			Use is subject to acceptance by SP	Use is subject to acceptance by SP	Use is subject to acceptance by SP	Use is subject to acceptance by SP	
Vacuum generator pumps		Busch	Mink Rotary Claw Vacuum Pumps						Use is subject to acceptance by SP	
Vacuum sewage discharge pump		Weir Minerals Australia	Hidrostal						Use is subject to acceptance by SP	
Helical rotor pump (Progressive Cavity Pump)		Mono Pumps Australia Pty Ltd	Mono		For use in low pressure sewerage system pumping stations	Use is subject to acceptance by SP	Use is subject to acceptance by SP	Use is subject to acceptance by SP	Use is subject to acceptance by SP	
Self priming sewage pump		Hydro Innovations Vogelsang Pty Ltd	Gorman Rupp Vogelsang Rotary Lobe			Use of Rotary Lobe Pumps is subject to acceptance by SP	Use of Rotary Lobe Pumps is subject to acceptance by SP	Use of Rotary Lobe Pumps is subject to acceptance by SP	Use is subject to acceptance by SP	Use of Rotary Lobe Pumps is subject to acceptance by SP
End-suction centrifugal water pumps		KSB Australia Pty Ltd Sulzer Pumps Aust Pty Ltd	KSB Sulzer						Use is subject to acceptance by SP	
Axially split-casing centrifugal water pumps		KSB Australia Pty Ltd Sulzer Pumps Aust Pty Ltd	KSB Sulzer						Use is subject to acceptance by SP	
Multistage centrifugal water pumps		Grundfos Pumps Pty Ltd Xylem Water Solutions Ltd	Grundfos Lowara			Use of Xylem pump is subject to acceptance by SP	Use of Xylem pump is subject to acceptance by SP	Use of Xylem pump is subject to acceptance by SP	Use is subject to acceptance by SP	
<b>13 ACTUATOR/ SOLENOID VALVES (See Civil list for other valves)</b>										
Electrical Actuator		Rotork Auma	Rotork Auma						QUU does not accept Auma actuator	
Solenoid Valve		Burkett Norgren	Burkett Norgren			Must meet specification	Must meet specification	Must meet specification	Use is subject to acceptance by SP	
<b>16 MISCELLANEOUS ITEMS (See Civil list for meters and Electrical List for Electromagnetic Flow meter)</b>										
Wet well washer		McBerns	Auto Well Washer			<b>NOT ACCEPTED BY SP</b>	<b>NOT ACCEPTED BY SP</b>	<b>NOT ACCEPTED BY SP</b>	Water supply from on-site rainwater storage tank or trucked recycle water tanker	
Odour control		McBerns	Vent & Ground Mount Odour Filter	DN50, 100, 150 & 300						
Lifting chains					AS4797 Stainless Steel Chain for Lifting Purposes				Grade 316 Stainless Steel (min.)	Grade 316 Stainless Steel (min.)
Protective internal coating - Polyethylene		Steuler Agrusafe Bluey technologies AKS		min. 2.5mm thickness	Mechanically anchored PE lining cast into wall & underside of top slab - Light colour					PE lining Mandatory for Sewerage Pump Stations, Collector Manholes and Sewer Rising Main Discharge Manholes
Protective internal coating - other coating types		Peerless Emulsion Wattle Sika	Epigen 1311 Sigmaguard CSF 575 Sikagard 63N		Colour white to Grey	Use is subject to acceptance by SP (minimum 2.0mm thickness) Excellent resistance to Sulphuric Acid	Use is subject to acceptance by SP (minimum 2.0mm thickness) Excellent resistance to Sulphuric Acid	Use is subject to acceptance by SP (minimum 2.0mm thickness) Excellent resistance to Sulphuric Acid	Use is subject to acceptance by SP	Use is subject to acceptance by SP (minimum 2.0mm thickness)
Pump rails					Stainless Steel 316 Pump manufacturer to specify rail thickness					
Covers		Hallco McBerns Multitrode Southeast Stainless	Hallco McBerns Safehatch Southeast Stainless		Aluminium covers C/W safety grating. Maximum hinged lid lift 16 kg. Single person lift. Refer Standard Drawings SEQ-SPS-1304-0 to SEQ-SPS-1304-9				Use is subject to acceptance by SP Refer Standard drawings SEQ-SPS-1304-10 to SEQ-SPS-1304-17	
		Custom made			Aluminium hinged removable cover with safety mesh/grille system Refer Standard Drawings SEQ-SPS-1304-0 to SEQ-SPS-1304-9				Use is subject to acceptance by SP Refer Standard drawings SEQ-SPS-1304-10 to SEQ-SPS-1304-17	Use is subject to acceptance by SP Unitywater uses non-removable hinged covers
Temporary barricade system		Kennedy's Aluminium	Railsafe	To suit 50 mm aluminium posts and telescopic aluminium guardrails	Railsafe' Corner Posts 'Railsafe' Intermediate Posts 'Railsafe' Post Inserts, 100 mm 'Railsafe' Guardrail, size B 'Railsafe' Guardrail, size D 'Railsafe' Guardrail, size F				Use is subject to acceptance by SP	Mandatory for all voids/openings
Fall-arrest anchorage point		Aegis Safety Pty Ltd. Barry Evans Lifting & Safety (QLD) Pty Ltd. Height Dynamics. Robertsons Lifting & Rigging.	SALA		Concrete installations: Flush mount 316 stainless steel. Bolted anchor point: Eye Bolt, 316 stainless steel. Load rating : 15 kN per person.				Use is subject to acceptance by SP	SALA Concrete Detent Anchorage Connector, Part No: 2101000. Bolted anchor point: M16 Eye Bolt, 316 stainless steel, complete with 316 stainless steel Nyloc nut, bolt shank-length to suit attachment point.

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27	Davit base		Aegis Safety Pty Ltd. Barry Evans Lifting & Safety (QLD) Pty Ltd. Height Dynamics. Robertsons Lifting & Rigging.	SALA	Suitable for use with SALA Advanced Davit Arm System	Flush floor-mounted 316 stainless steel, Part No: L-4035, with bevelled edge, suitable for core-drilling into concrete slab. Flush floor-mounted 316 stainless steel, Part No: L-4034, suitable for casting into concrete. Flush floor-mounted stainless steel, Part No: 8510110, suitable for casting into concrete. Flush floor-mounted galvanised steel, Part No: 8510109, suitable for casting into concrete. Sleeve cap, stainless steel for flush floor-mounted davit base, Part No: 8510553. Floor-mounted galvanised steel, Part No: 8518503. Wall-Mounted galvanised Steel, Part No: 8518504.				Use is subject to acceptance by SP	
28	Portable davit, complete with emergency retrieval self retracting lifeline		Aegis Safety Pty Ltd. Barry Evans Lifting & Safety (QLD) Pty Ltd. Height Dynamics. Robertsons Lifting & Rigging.	SALA	Advanced Davit Arm System. Boom hoist height 1981 to 2235 mm. Boom reach 305 to 737 mm.	Advanced Upper Offset Mast, Part No: 8518001 (Supplied complete with Part No. 8516824 & 8510207). Advanced Lower Mast Extension, 1143 mm Part No: 8518003. Emergency Retrieval Sealed Self Retracting Lifeline, 15 m SS wire rope, Part No: 3400102 (Supplied complete with mounting bracket, Part No: 3401065).				Use is subject to acceptance by SP	