

APPROVED PRODUCTS LIST - SEWER FORCE MAIN & PUMPING SYSTEMS

updated: July 9, 2019

Product Category	Approved Manufacturer	Model/Series	Pressure/Load Rating	Website	Reference/Standard	Requirements
Ductile Iron Pipe 4-inch & Larger Diameter Protecto 401 Lined	US Pipe	Tyton Joint	250-350 psi see specification	http://www.uspipe.com/Main/	AWWA C150 & C151 and DIPRA Stds	40-mils of Protecto 401 Lining (401 lining must be < 1yr old) McWane Pipe stamped: McWane by Atlantic States or Clow only
	American	Fastite Joint		http://www.acipco.com		
	McWane	Tyton Joint		http://atlanticstates.com/		
Ductile Iron Fittings 4-inch & Larger Diameter Protecto 401 Lined	Sigma	Mechanical Joint	250-350 psi see specification	http://www.sigmaco.com/Products/Fittings.htm	AWWA C110 & C153 and DIPRA Stds	Shall always receive interior Protecto 401 Lining to meet or exceed main line pipe standards. (401 lining must be < 1yr old)
	Tyler Union	Mechanical Joint		http://www.tylerunion.com/		
	SIP Industries	Mechanical Joint		http://www.sipindustries.com/main/default.asp		
	Star	Mechanical Joint		http://www.starpipeproducts.com/		
	American	Mechanical Joint		http://www.acipco.com		
Ductile Iron Restrained Joint Pipe 4-inch & Larger Diameter Protecto 401 Lined	Griffin	Snap Lok	250-350 psi see specification	http://www.griffinpipe.com/	AWWA C150 & C151 and DIPRA Stds	Boltless restraint unless otherwise specified
	American	Flex Ring		http://www.acipco.com		
	US Pipe	TR Flex		http://www.uspipe.com/Main/		
Wedge Action Retainer Glands	EBAA	Mega-Lug	350-psi through 12" 250-psi through 48"	http://www.ebaa.com/	UL/FM approved through 12"	All retainer glands shall be epoxy coated or polyester powder coated
	Romac	RomaGrip		http://www.romac.com/		
	Sigma	One Lok Model SLDE		http://www.sigmaco.com		
	SIP	EZ-Grip		http://www.sipindustries.com		
	Star	Stargrip		http://www.starpipeproducts.com		
	Tyler Union	TUFGrip TLD		http://www.tylerunion.com/		
Plug Valve (bi-directional)	Pratt	Ballcentric Plug Valve	4-12-inch, 175psi >12-inch, 150psi	www.henrypratt.com	AWWA C517	4"-12" Round Port & 14"-48" Rectangular, Full Port carrying 100% of pipe flow
	Milliken	600 N1BG		www.millikenvalve.com		
	DeZurik	PEF (14"-36" ONLY)		www.dezurik.com		
Ball Valve	Pratt	Rubber Seated Ball Valve	150 psi	www.henrypratt.com	AWWA C507	For use on large diameter pipe
Valve Box	E. Jordan Iron Works	Screw Type 8550 (or 8560)	N/A	http://www.ejco.com/		Telescoping Box Assembly & 6" lid with 4" skirt labeled "Sewer"
	Bingham & Taylor	Screw Type 4905		http://www.binghamandtaylor.com/		
Combination Air Valve	Vent-O-Mat	RGX	145 psi	www.ventomat.com	AWWA C512	Stainless steel valve bodies
	Vent-Tech	Series C - SWG, SWS	276 psi	http://www.internationalvalve.com/		
	ARI	Site Specific (D-020 or D-026)	250 psi	http://www.arivalves.com/		
Marking Tape & Marker Balls	3M Marker Ball	1404-XR	N/A	http://solutions.3m.com/en_US/	APWA	Green for Wastewater
	3M Marking Tape	7614-XR				
Manhole Epoxy Coating	RLS	Raven 405	120-mils wetwell shall be coated prior to installation of piping and/or appurtenances	www.ravenlining.com	Installed by:	www.dun-rightservices.com/
	Sherwin Williams	Duraplate-5900		www.sherwin-williams.com	Installed by:	www.cmtcoatings.com
DIP Epoxy Coating	Induron	Protecto 401	N/A	www.protecto401.com	40-mil thickness required. Pipe must be installed within 1 year of date of lining. High pressure cleaning shall not exceed 1800psi. Lined carrier pipe shall be pulled through casing.	
Grinder	JWC Environmental	CMD-1800	N/A	http://www.jwce.com/	Must have integral rotating screen & a hydraulic power unit	

Grinder Control Panel	JWC Environmental	B100R	N/A	http://www.jwce.com/		
Grinder Motor	Baldor	Site Specific	N/A	http://www.baldor.com	NEMA Design 'B' and TEFC	Minimum Motor Size: 5hp, 60Hz, 240V or 480V AC; electric, immersible IP67 rated
	Reliance			http://www.reliance.com/		
	US Motor			http://www.usmotors.com/		
Pump	Fairbanks Nijhuis	Site Specific	N/A	http://www.fairbanksnijhuis.com/		motor horsepower shall be 10 hp minimum/ pump station specific
	Xylem			WWW.xylem.com		
	Sulzer			http://www.sulzer.com		
	Cornell			https://www.cornellpump.com/pump-products/		
Flow Meter	Endress Hauser	Site Specific	N/A	https://www.us.endress.com/en/field-instruments-overview		316 SS Flanges on meters less than 24-inches. Must have two, three, or four 316 SS or Hastelloy C electrodes
	Siemens			https://new.siemens.com/global/en/products/automation/		
	Flexim			https://www.Flexim.com/us		
	Krohne			www.krohne.com		
	Rosemount			www.rosemount.com		
Pressure Transmitter	Endress Hauser	Site Specific	N/A	https://www.us.endress.com/en/product-tools		
	Vega			https://www.vega.com/en/home_aw/industries/water-wastewater/w		
	Rosemount			www.rosemount.com		
Level Transmitter	Endress Hauser	Site Specific	N/A	https://www.us.endress.com/en/product-tools		
	Siemens			https://new.siemens.com/global/en/products/automation/		
	Vega			www.fielddevices.foxboro.com/products/pressure		
	MPE, Inc			http://products.mpelectronics.com/category/level-measurement		
Odor Control Unit	Carbtrol	Site Specific	N/A	www.carbtrol.com		Pump stations shall have powered unites/pump station specific
	Wager	Typically 2050-I or larger		www.wagerusa.com		
Alarm Dialer	Sensaphone	Site Specific	N/A	https://www.sensaphone.com/industries/		Shall be in a lockable NEMA 4 enclosure and have a thermostatically controlled heater.
	Antx	Site Specific		https://www.antx.com/		
	Omnisite	Site Specific		http://www.omnisite.com/monitoring-solutions/		
Generator	CAT	Site Specific	N/A	www.cat.com		Must Meet All Regulatory and Town Requirements
	MTU			www.mtuonsiteenergy.com		
	ONAN			www.power.cummins.com		

Swing Check Valves	Dezurik	CVS EDV F1 D1 S1 NBR S40SD0 LW	250 psi see specification	http://www.dezurik.com/products	ASTM A536, AWWA C508	Stainless Steel components, approved for Wastewater. Weighted enclosure.
Meter Vault Doors	Halliday	Varies	N/A	http://www.hallidayproducts.com/	H2O Loading, no exceptions	All hatch doors shall include slam lock and lockable assembly for owner's padlock. Safety Grates Required.
	Bilco			http://www.bilco.com/		
	US Foundry			http://www.usfoundry.com/		
Chemical Feed Pump	Milton Roy	Pump Station Specific	N/A	https://www.miltonroy.com/		unit shall be 50-250 gpd minimum size/ pump station specific. Chemical Tank Shall be Crosslink Polyethylene.
	Pulsafeeder			http://www.pulsafeeder.com/		
Electrical Distribution/ Breaker Panels	Siemens	Varies	N/A	https://www.siemenssbreakers.com/		
	General Electric			https://www.geindustrial.com/products/circuit-breakers		
	Square D			https://www.schneider-electric.us/en/work/products/		
	Hammer			https://www.eaton.com/us/en-us/catalog/		