SANITARY SEWER QUALIFIED PRODUCTS LIST

The City of Baton Rouge/Parish of East Baton Rouge Department of Public Works has a Qualified Products List (QPL) to evaluate new products which shall be used on the department's typical sanitary sewer construction and maintenance projects. This QPL is available for download at the following website:

http://brprojects.com/baton-rouge-sso-program/design-construction/wastewater-qualified-products-list/

Materials identified on the QPL do not require a certificate of compliance unless the need for such a document is specifically identified in the material requirements, by specifications, or departmental request. Listing of a Material on the QPL does not constitute a waiver of the Contractor's obligation to submit product information such as the product cut sheet/shop drawing, manufacturer's recommended installation procedures, or other data requested by the Owner. Materials on the QPL will be re-evaluated on an as needed basis. In addition to materials on the list meeting certification requirements, they can also be inspected and/or tested to verify conformance to the specifications. Any materials presently on the list and subsequently failing to conform to the certification or specification requirements can be removed at any time.

Be advised, the QPL is for informational purposes and is not intended to be all inclusive. If the product meets the specifications outlined in the Contract Documents but is not on the QPL, it may be used as long as the necessary certification documents are submitted according to the specifications, reviewed, and deemed as an approved equal by the Owner and Engineer.

Inclusion of a product on this list does not imply that the product meets any or all applicable State or Federal regulations related to safety or environmental issues in effect at the time. The manufacturer's Material Safety Data Sheet (MSDS) should be referred to before and during use of any product appearing on this list. This list is intended as an information tool for contractors, engineering consultants, and Department personnel to identify products meeting the Department's standards or specifications for particular applications. The use of any product listed on this site by a contractor shall in no way relieve contractors from their contractual obligations.

DISCLAIMER: This QPL assumes no liability on the part of the City of Baton Rouge/Parish of East Baton Rouge or its Program Manager for the products included nor is it intended to promote any product, supplier or manufacturer over another.

(Product shall conform to section 802- Gravity Sewer Pipe)

HYDRAULIC CEMENT MATERIAL			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
802.01	Strong-Plug	Strong Company	
802.02	EMACO	Master Builders Technologies	
802.03	Preco Plug	FOSROC Incorporated	

NEW PIPE-EXISTING PIPE CONNECTIONS		
PRODUCT	PRODUCT	SOURCE
SOURCE CODE		
802-05-01	Stainless Steel Shear Rings	Fernco, Inc.
	5000 Series Repair Couplings	
	StrongBack RC Series Repair Couplings	
802-05-02	Flex Seal Adjustable Repair Couplings	Mission Rubber Co.
	Heavy Weight Couplings	

PIPE-MANHOLE CONNECTIONS			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
802-06-01	Flexible Rubber Boot Connector - 106/406 SS Wedge, 206, & 306 Series	Kor-N-Seal	
802-06-02	Integrally Cast Flexible Connectors	A-Lok X-Cel	
802-06-03	Flexible Rubber Boot Connector - PSX: Direct Drive	Press-Seal Gasket Corp.	
802-06-04	Flexible Rubber Boot Connector – Cobra (Wedge) Style	Hamilton Kent, LLC	

	SERVICE LATERAL CONNECTIONS			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	APPLICATIONS	
802-07-01	Flexible Saddle Wye	Fernco	Connection to CIPP Lining	
802-07-02	PVC Saddle Wye	J-M Eagle	Connection to CIPP Lining	
802-07-03	Sealant	Hydrophilic Water Stop	Connection to CIPP Lining	
802-07-04	Compressive-fit Service Connections	Inserta-Tee	Sliplining/FRP/Clay/Closed Profile PVC Pipe	
802-07-05	Electrofusion Branch Saddles	Central Plastics	Pipe Bursting/HDD	
802-07-06	PVC Saddle Wye	GPK Products, Inc.	Connection to CIPP Lining	

(Product shall conform to section 803- Sewer Manhole)

ST	STANDARD PRECAST CONCRETE MANHOLES			
PRODUCT SOURCE CODE	PRODUCT	SOURCE		
803-4.2-01	Std. 48" Manhole Std. 60" Manhole Std. 72" Manhole	Gainey's Concrete Products, Inc. Holden, LA		
803-4.2-02	Std. 48" Manhole Std. 60" Manhole Std. 72" Manhole	Northshore Concrete Products, LLC. Albany, LA		
803-4.2-03	Std. 48" Manhole	Barber Brothers Baton Rouge, LA		
803-4.2-04	Std. 48" Manhole	Glenco Precast St. Gabriel, LA		
803-4.2-05	Std. 48" Manhole Std. 60" Manhole Std. 72" Manhole	Wastewater Treatment of Louisiana Prairieville, LA		
803-4.2-06	Std. 48" Manhole Std. 60" Manhole Std. 72" Manhole	Hanson Pipe and Precast LaPlace, LA		

Note: Shop drawing submittals of manholes are still required for approval.

	CONCRETE PROTECTIVE ADMIXTURES			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	APPLICATIONS	
803-2h1-01	Admix C-Series	Xypex Chemical Corporation	Crystalline waterproofing	
803-2h1-02	MasterLife 300D	BASF Corporation	Crystalline waterproofing	
803-2h1-03	Crystal X	Conshield Technologies	Crystalline waterproofing	
803-2h1-04	Penetron Admix RP	Penetron USA Inc	Crystalline waterproofing	
803-2h2-01	Con ^{MIC} Shield	Conshield Technologies	Anti-microbial additive	
803-2h2-02	Conblock MIC	ConSeal – Concrete Sealants, Inc.	Anti-microbial additive	
803-2h2-03	Bio-San C500	Xypex Chemical Corporation	Anti-microbial additive & Crystalline waterproofing	

Note: Must submit concrete mix design with actual admix dosage rate.

EXTERNAL SEAL WRAP FOR RISER RINGS AND FRAME			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
803-4.7a-01	Infi-Shield® Uni-Band	Sealing Systems Inc.	
803-4.7a-02	External X-85 Seal	Cretex Companies	
803-4.7a-03	E3 Chimney Seal	Adaptor, Inc.	
803-4.7a-04	Conseal CS-212	Conseal Concrete Sealants, Inc.	

EXTERNAL JOINT WRAP			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
803-4.7b-01	Infi-Shield® Gator Wrap	Sealing Systems Inc.	
803-4.7b-02	EZ-Wrap Joint Wrap	Press-Seal Gasket Corporation	
803-4.7b-03	External Cretex Wrap	Cretex Companies	
803-4.7b-04	Seal Barrel Wrap	Adaptor, Inc.	
803-4.7b-05	Conseal CS-212	Conseal Concrete Sealants, Inc.	

(Product shall conform to section 805- Submersible Pump Stations)

	PUMPS				
PRODUCT SOURCE CODE	PRODUCT	SOURCE	SIZE/RATING		
805-3-01	Explosion proof submersible non-clog pump	Wilo/EMU	In accordance with the engineer's design		
805-3-02	Explosion proof submersible non-clog pump	Fairbanks- Morse	In accordance with the engineer's design		
805-3-03	Explosion proof submersible non-clog pump	Flygt (Xylem)	In accordance with the engineer's design		
805-3-04	Explosion proof submersible non-clog pump	Hydromatic	In accordance with the engineer's design		
805-3-05	Explosion proof submersible non-clog pump	Yeomans- Chicago (Grundfos)	In accordance with the engineer's design		

(Product shall conform to section 806- Manhole Rehabilitation)

PATCHING MATERIAL			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
806-3.6-01	Strong-Seal QSR	Strong Company	
806-3.6-02	Fast Set Bench Repair	Standard Cement Materials	
806-3.6-03	Quadex Hyperform	Quadex Inc.	

HYDRAULIC CEMENT			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
806-3.7-01	Strong-Seal Strong Plug	Strong Company	
806-3.7-02	Custom Plug Cement	Standard Cement Materials	
806-3.7-03	Instaplug No. F-180	Sauereisen	
806-3.7-04	ML-10 Hydraulic Cement Mortar	Madewell Products Corporation	
806-3.7-05	AW Cook Silatec Hydraulica Cement	The Sherwin Williams Company	

CHEMICAL GROUT			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
806-3.8-01	Hydro Active Multigel NF	De neef Construction Chemicals	
806-3.8-02	Hydro Active Polyurethane Grout No. F-370	Sauereisen	
806-3.8-03	Avanti AV202	The Sherwin Williams Company	

CEMENTITIOUS LINER MATERIAL			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
806-3.9a-01	Strong-Seal MS-2 C	Strong Company	
806-3.9a-02	Quadex Aluminaliner	Quadex	
806-3.9a-03	Maximum CA Cement	Standard Cement Materials	
806-3.9-04	SewerSeal No. F-170	Sauereisen	
806-3.9-05	ML-CA Calcium Aluminate Mortar	Madewell Products Corporation	

Note: Cementitious lining products approved for manhole rehabilitation only.

EPOXY LINER MATERIAL			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
806-3.9b-01	Raven 405	Raven Lining Systems	
806-3.9b-02	S-301 Epoxy Spray System	Warren Lining Systems	
806-3.9b-03	STANDARDSHIELD	Standard Cement Materials	
806-3.9b-04	SewerGard No. 210	Sauereisen	
806-3.9b-05	DS-5 Ultra High Build Epoxy	Madewell Products Corporation	
806-3.9b-06	Quadex Structure Guard	Quadex	
806-3.9b-07	Dinjer SG Mastic	Dinjer	
806-3.9b-08	DuraPlate 6100 High Performance Epoxy	The Sherwin Williams Company	

Note: Epoxy lining products approved for manhole rehabilitation only.

RISER RING SEALANT			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
806-3.1-01	Anchor IT #2447	PROCHEM INC.	

STAINLESS STEEL INSERTS				
PRODUCT SOURCE CODE PRODUCT SOURCE				
806-3.4-01	Tetherlok stainless steel "Rainstopper" manhole cover insert	Southwestern Packing & Seals		

Department of Public Works QUALIFIED PRODUCTS LIST 808 & 809

(Product shall conform to section 808 & 809 Cured-in-Place (CIPP) & Laterals)

CIPP LINING TUBE MATERIAL		
PRODUCT SOURCE CODE	SOURCE	
808/809-3b-01	Applied Felts	
808/809-3b-02	Insituform Technologies	
808/809-3b-03	Liner Products	
809-3b-01	LMK Enterprises	
809-3b-02	Trelleborg Epros LCR-S hat profile (85/15)	

RESIN MATERIAL				
PRODUCT SOURCE CODE	PRODUCT	SOURCE		
808/809-3e-01	Polylite #33420, DION 9800- 20	Reichhold		
808/809-3e-02	#COR72-AA-455HV, #COR72-AA-656, #CORVE8190	Interplastic Corporation		
808/809-3e-03	#AROPOL MR12018, HETRON Q6405	Ashland Specialty Chemical Company		
808/809-3e-04	701, 102NA	AOC		
808/809-3e-05	L704NET-11, L704AAP-12	Vipel		
809-3e-01	Epros Silicate Resin Type W1 & Type S1	Trelleborg		

CATALYST MATERIAL				
PRODUCT SOURCE CODE	PRODUCT	SOURCE		
808/809-3f-01	Perkadox 16, Perkadox BTW-50, Norox 600	Akzo	Primary Catalysts	
808/809-3f-02	Trigonox C, Norox TBPB	Akzo	Secondary Catalysts	
808/809-3f-03	N, N-dimethyl aniline (DMA)	Puritan Products	Secondary Catalysts	

(Product shall conform to section 810- Sliplining)

CLOSED PROFILE PVC SLIPLINER				
PRODUCT SOURCE CODE	PRODUCT	SOURCE	SIZE/RATING	SDR/ STIFFNESS
810-2f-01	Vylon Slipliner Pipe	Lamson Vylon Pipe Cleveland, OH	21" and larger	PS 46

SOLID WALL PVC SLIPLINER				
PRODUCT SOURCE CODE	PRODUCT	SOURCE	SIZE/RATING	SDR/ STIFFNESS
810-2g-01	Vylon Slipliner Pipe	Lamson Vylon Pipe Cleveland, OH	18" and larger	PS 46

SOLID WALL HDPE SLIPLINER				
PRODUCT SOURCE CODE	PRODUCT	SOURCE	SIZE/RATING	SDR/ STIFFNESS
810-2h-01	Driscoplex	Chevron Phillips Pipe	18" and larger	SDR 17
810-2h-02	JM Eagle	HDPE Pipe	Pressure rating: 160 psi	SDR 11 (max)

FIBERGLASS REINFORCED POLYMER (FRP) PIPE				
PRODUCT SOURCE CODE	PRODUCT	SOURCE	SIZE/RATING	SDR/ STIFFNESS
810-2j-01	Hobas Pipe	Hobas Pipe USA Houston, TX	18" and larger	PS 46
810-2j-02	Flowtite Pipe	USCPS (Thompson Pipe Group) Zachary, LA	18" and larger	PS 46

(Product shall conform to section 1011- Structural Steel)

	STANDARD CASTINGS			
PRODUCT SOURCE CODE	PRODUCT	SOURCE		
1011-5-01	Std. Manhole Frames & Covers	East Jordan Iron Works (EJIW)		
	Boltdown (Watertight) Manhole	East Jordan, MI		
	Frame & Cover	Ardmore, OK		
	Hinged Manhole Frame & Cover	Youngstown, OH		
	Manhole C.I. Riser Rings			
	ARV Frame & Covers			
	Cleanout Covers			
	Valve Boxes			
1011-5-02	Std. Manhole Frames & Covers	East Jordan Iron Works (EJIW)		
	Boltdown (Watertight) Manhole	East Jordan, MI		
	Frame & Cover	Ardmore, OK		
	Hinged Manhole Frame & Cover	Youngstown, OH		
	Manhole C.I. Riser Rings			
	ARV Frame & Covers			
	Cleanout Covers			
	Valve Boxes			

(Product shall conform to section 1016.1- Gravity Sewer Pipe)

	DI	REC	T BURY PVO	C PII	PE .	
	SOLID WALL					
PRODUCT SOURCE CODE	SOURCE	SIZ	ZE/RATING	SD	R/ STIFFNESS	JOINTS
1016-1.1.1.1a-01	J-M Eagle	4"	- 24"	SN	oth ≤ 12ft - SDR 35/ 46 oth > 12ft - SDR 26/	Integral bell and spigot-type Gaskets
1016-1.1.1.1a-02	CertainTeed	4"	- 24"	SN Dep SN	115 oth ≤ 12ft - SDR 35/ 46 oth > 12ft - SDR 26/	Integral bell and spigot-type Gaskets
1016-1.1.1.1a-03	Diamond Plastics	4"	- 24"	Dep SN	oth ≤ 12ft - SDR 35/	Integral bell and spigot-type Gaskets
1016-1.1.1.1a-04	North American Pipe	4"	- 24"	SN	115 oth ≤ 12ft - SDR 35/	Integral bell and spigot-type
	Corporation (NAPCO)			Dep SN	oth > 12ft - SDR 26/ 115	Gaskets
1016-1.1.1.1a-05	Hawk Plastics	4"	- 15"	Dep SN	oth ≤ 12ft - SDR 35/ 46	Integral bell and spigot-type
1016-1.1.1.1a-06	Sanderson	4"	- 18"	SN	oth > 12ft - SDR 26/ 115 oth ≤ 12ft - SDR 35/	Gaskets Integral bell and
1010-1.1.1.1a-00	Pipe	4	- 10	SN	46	spigot-type Gaskets
1016-1.1.1.1a-07	Pipelife Jet	4"	- 24"	SN	oth > 12ft - SDR 26/ 115 oth ≤ 12ft - SDR 35/	Integral bell and
	Stream			SN		spigot-type Gaskets
	PVC FITTIN	GS	(TEES, WYES	SN	115	
DD OD VIGE SEE SE		J 0		,, œ	<u> </u>	
PRODUCT SOURCE CODE	SOURCE	PRODUCT			APPLICATION	
1016-1.1.1.1a-07	Multi Fittings, Inc.	TRENCH TOUGH PLU		IJS	Large Diameter FittingsHeavy Wall SD Fittings	35 Sewer Fittings Molded SDR 35 Sewer R 26 Gasketed Sewer
1016-1.1.1.1a-08	GPK Products,		GPK Gasket	ed		r Fittings (SDR 35) y Wall Sewer Fittings

	Inc.	Sewer Fittings		(SDR 26)
1016-1.1.1.1a-09	Harrington Corp. (HARCO)	Gasketed Sewer Fittings	•	Gasketed Sewer Fittings (SDR 35) Gasketed Heavy Wall Sewer Fittings (SDR 26)
1016-1.1.1.1a-10	Tigre-ADS, USA	Gasketed Sewer Fittings	•	Gasketed Sewer Fittings (SDR 35) Gasketed Heavy Wall Sewer Fittings (SDR 26)

LARGE DIAMETER CLOSED PROFILE PVC				
PRODUCT SOURCE CODE	SOURCE	SIZE/RATING	SDR/ STIFFNESS	JOINTS
1016-1.1.1.1b-01	Vylon Heavy Duty Pipe	21" - 54"	PS 60	Integral bell and spigot-type Gaskets

	PVC FOR TRENCHLESS APPLICATIONS				
PRODUCT SOURCE CODE	SOURCE	SIZE/RATING	SDR/ STIFFNESS	JOINTS	
1016-1.1.1.2-01	CertainTeed (Certa-Lok)	4" - 16"	SDR 18 (max) C900 ≤ 12" C905 >12"	Twin Elastomeric sealing gaskets	
1016-1.1.1.2-02	Underground Solutions	4" - 16"	SDR 25 (max) C900 ≤ 12" C905 >12"	Electrofusion	

HIGH	HIGH DENSITY POLYETHYLENE (HDPE) PIPE AND FITTINGS				
PRODUCT SOURCE CODE	SOURCE	PRODUCT NAME	SDR/STIFFNESS	JOINTS	
1016-1.1.2-01	Chrevon- Phillips	DriscoPlex	Pressure rating: 160 psi SDR 11 (max)	Electrofusion	
1016-1.1.2-02	JM Eagle	HDPE Pipe	Pressure rating: 160 psi SDR 11 (max)	Electrofusion	

1016-1.1.2-03	PolyPipe	PolyPipe (PW)	Pressure rating: 160 psi SDR 11 (max)	Electrofusion
1016-1.1.2-04	WL Plastics	HDPE Pipe	Pressure rating: 160 psi SDR 11 (max)	Electrofusion

DUCTILE IRON PIPE			
PRODUCT SOURCE CODE	SOURCE	JOINTS	
1016-1.2-01	American Ductile Iron Pipe	 Push-on Joint Mechanical Joint Flanged Joint Restrained Joint Gasket material shall be standard styrene butadiene rubber (SBR.) 	
1016-1.2-02	U.S. Pipe	 Push-on Joint Mechanical Joint Flanged Joint Restrained Joint Gasket material shall be standard styrene butadiene rubber (SBR.) 	
1016-1.2-03	McWane Cast Iron Pipe Co.	 Push-on Joint Mechanical Joint Flanged Joint Restrained Joint Gasket material shall be standard styrene butadiene rubber (SBR.) 	
1016-1.2-04	Griffin Pipe Products	 Push-on Joint Mechanical Joint Flanged Joint Restrained Joint Gasket material shall be standard styrene butadiene rubber (SBR.) 	
	DUCTILE IRON PIPE	INTERIOR COATING	
PRODUCT SOURCE CODE SOURCE		PRODUCT	
1016-2.3f-01	Induron Protective Co	oatings Protecto 401 Ceramic epoxy lining	
1016-2.3f-02	TNEMEC Company	Series 431 Perma-Shield PL	
1016-2.3f-03	Permite Corporation	Permox CTF	

	FIBERGLASS REINFORCED POLYMER (FRP) PIPE					
PRODUCT SOURCE CODE	SOURCE	SIZE/RATING	SDR/ STIFFNESS	JOINTS		
1016-1.4-01	Hobas Pipe Hobas, USA Houston,TX	18" or larger	SN 46	Glass reinforced plastic sleeve couplings Gaskets		
1016-1.4-02	Flowtite Pipe USCPS, LLC (Thompson Pipe Group)	18" or larger	SN 46	Glass reinforced plastic sleeve couplings Gaskets		

EXTRA STRENGTH CLAY PIPE FOR MICROTUNNELING AND PIPE-JACKED TUNNELS				
PRODUCT SOURCE CODE	SOURCE	SIZE/RATING	JOINTS	
1016-1.5-01	Mission Clay Products Corp. Corona, CA	6" and larger	Flush with outside diameter.	
1016-1.5-02	CanClay Corp. Cannelton, Indiana	6" and larger	Flush with outside diameter.	

FIBERGLAS	FIBERGLASS REINFORCED POLYMER (FRP) PIPE FOR MICROTUNNELING AND PIPE-JACKED TUNNELS					
PRODUCT SOURCE CODE	PRODUCT	SOURCE	SIZE/RATING	STIFFNESS/ PRESSURE	JOINTS	
1016-1.6-01	Hobas Pipe	Hobas Pipe USA Houston, TX	18" and larger	Satisfy design requirements No less than 46 psi	Flush with outside diameter.	

POLYMER CONCRETE PIPE FOR MICROTUNNELING AND PIPE-JACKED TUNNELS					
PRODUCT SOURCE CODE	PRODUCT	SOURCE	SIZE/RATING	JOINTS	
1016-1.7-01	Meyer Polycrete	USCPS, LLC (Thompson Pipe Group)	8" and larger	Flush with outside diameter.	
1016-1.7-02	Meyer Polycrete	Meyer Pipes Engineering GmbH & Co.Lueneburg, Germany	8" and larger	Flush with outside diameter.	

(Product shall conform to section 1016.2- Force Main Sewer Pipe)

PVC PRESSURE PIPE				
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PRODUCT SOURCE CODE	SOURCE	SIZE/RATING	SDR/STIFFNESS	
1016-2.1-01	JM Eagle	AWWA C900≤ 12" (235 psi)	SDR 18 (max)	
		AWWA C905 >12" (165 psi)	SDR 25 (max)	
1016-2.1-02	Certain Teed	AWWA C900≤ 12" (235 psi)	SDR 18 (max)	
		AWWA C905 >12" (165 psi)	SDR 25 (max)	
1016-2.1-03	North	AWWA C900≤ 12" (235 psi)	SDR 18 (max)	
	American Pipe Corporation	AWWA C905 >12" (165 psi)	SDR 25 (max)	
1016-2.1-04	Underground Solutions	AWWA C900≤ 12" (235 psi)	SDR 18 (max)	
	(Aegion)	AWWA C905 >12" through 16" (165 psi))	SDR 25 (max)	
1016-2.1-05	Sanderson Pipe	AWWA C900≤ 12" (235 psi)	SDR 18 (max)	
1016-2.1-06	Pipelife Jet Stream	AWWA C900≤ 12" (235 psi)	SDR 18 (max)	
1016-2.1-07	Diamond Plastics	AWWA C900≤ 12" (235 psi)	SDR 18 (max)	
	Corporation	AWWA C905 >12" (165 psi)	SDR 25 (max)	
	RESTRAIN	ING GLANDS FOR PVC PIP	E	
PRODUCT SOURCE CODE	SOURCE	PRODUCT		
1016-2.1d-01	EBAA Iron	Mechanical Joint Series 2000P	V	
1016-2.1d-02	EBAA Iron	Restraint Harness Series 1600 and Series 2800		
1016-2.1d-03	Ford Meter Box	Uni-Flange Series 1390 and Series 1500		
1016-2.1d-04	Star Pipe	PVC Stargrip Series 4000 and 4100P		
1016-2.1d-05	SIP Industries	EZ Grip Joint Restraint (PVC) Bell Joint Restraints (PVC)	and EZ Grip PTP Series	

HIGH DENSITY POLYETHYLENE (HDPE) PIPE			
PRODUCT SOURCE CODE	SOURCE	PRODUCT	SIZE/RATING
1016-2.2-01	Chrevon-Phillips	DriscoPlex 4200 and 4300	Pressure rating: 160 psi Maximum SDR of 11
1016-2.2-02	JM Eagle	HDPE Pipe	Pressure rating: 160 psi Maximum SDR 11
1016-2.2-03	PolyPipe	PolyPipe (PW)	Pressure rating: 160 psi Maximum SDR 11
1016-2.2-04	WL Plastics	HDPE Pipe	Pressure rating: 160 psi Maximum SDR 11

DUCTILE IRON PIPE			
PRODUCT SOURCE C	CODE SOURCE	JOINTS	
1016-2.3-01	American Ductile Iron Pipe	 Push-on Joint Mechanical Joint Flanged Joint Restrained Joint Gasket material shall be standard styrene butadiene rubber (SBR.) 	
1016-2.3-02	U.S. Pipe	 Push-on Joint Mechanical Joint Flanged Joint Restrained Joint Gasket material shall be standard styrene butadiene rubber (SBR.) 	
1016-2.3-03	McWane Cast Iron Pipe Co.	 Push-on Joint Mechanical Joint Flanged Joint Restrained Joint Gasket material shall be standard styrene butadiene rubber (SBR.) 	
1016-2.3-04	Griffin Pipe Products	 Push-on Joint Mechanical Joint Flanged Joint Restrained Joint Gasket material shall be standard styrene butadiene rubber (SBR.) 	
	DUCTILE IRON PIP		
PRODUCT SOURCE CODE	SOURCE	APPLICATION	
1016-2.3b-01	American Ductile Iron Pipe	Ductile Iron and PVC Force mains	
1016-2.3b-02	U.S. Pipe	Ductile Iron and PVC Force mains	
1016-2.3b-03	Tyler Union	Ductile Iron and PVC Force mains	
1016-2.3b-04	CLOW Water Systems Co.	Ductile Iron and PVC Force mains	

1016-2.3b-05	Star Pipe	Ductile Iron and PVC Force mains
1016-2.3b-06	SIP Industries	Ductile Iron and PVC Force mains (MJ and Flanged only)
RES	STRAINING GLANDS FOR D	UCTILE IRON PIPE
PRODUCT SOURCE CODE	SOURCE	APPLICATION
1016-2.3m-01	EBAA Iron	MegaLug Model 1100
1016-2.3m-02	Ford Meter Box	Uni-Flange Series 1500
1016-2.3m-03	Star Pipe	PVC Stargrip Series 3000 and 3000S
1016-2.3m-04	SIP Industries	EZ Grip Joint Restraints (Ductile Iron)
	DUCTILE IRON PIPE INTER	IOR COATING
PRODUCT SOURCE CODE	SOURCE	PRODUCT
1016-2.3f-01	Induron Protective Coatings	Protecto 401 Ceramic epoxy lining
1016-2.3f-02	Tnemec Company	Series 431 Perma-Shield PL
1016-2.3f-03	Permite Corporation	Permox CTF

(Product shall conform to section 1019- Valves and Appurtenances)

GATE VALVES					
	Non-rising Stem				
PRODUCT SOURCE CODE	PRODUCT		SOURCE	SIZ	ZE/RATING
1019-4a-01	Figure 438, NPT thrends	eaded	Crane	3 ir	nches and smaller
1019-4a-02	Figure B103, NPT the	readed	Stockham	3 ir	nches and smaller
1019-4a-03	Figure 1320, soldere	ed ends	Crane	3 ir	nches and smaller
1019-4a-04	Figure B104, soldere	ed ends	Stockham	3 ir	nches and smaller
	GA	TE VALV	ES		
	R	ising Ster	n		
PRODUCT SOURCE CODE	PRODUCT		SOURCE	SIZ	ZE/RATING
1019-4b-05	Figure 428, NPT thrends	eaded	Crane	3 ir	nches and smaller
1019-4b-06	Figure B-100, NPT to	hreaded	Stockham	3 ir	nches and smaller
1019-4b-07	Figure 1330, soldere	ed ends	Crane	3 ir	nches and smaller
1019-4b-08	Figure B-108, solder	ed ends	Stockham	3 in	nches and smaller
	RESILIENT S	EATED G	ATE VALVE		
PRODUCT SOURCE CODE	PRODUCT	SOURC	Е		SIZE/RATING
1019-4-01	AWWA C509	M&H Valve			3-12 inches
1019-4-02	AWWA C515	M&H Valve			4-36 inches
1019-4-03	A-USPO	U.S. Pipe			3-20 inches
1019-4-04	Series 2360	Mueller Water Products		3	3-12 inches
1019-4-05	Series 2361	Mueller Water Products		3	14-48 inches
1019-4-06	Series 2500 RWGV	American Flow Control		3-66 inches	

PLUG VALVES			
PRODUCT SOURCE CODE	SOURCE	SIZE	
1019-05-01	Val-matic 5700	4-30 inches	
1019-05-02	DeZurik PEF/PEC	4-72 inches	

CHECK VALVES				
Lever and Spring Swing Check Valves				
PRODUCT SOURCE CODE	SOURCE	SIZE/RATING		
1019-06a-01	Mueller Series 2600	3" - 12" - 175psi		
1019-06a-02	Mueller Series 8100	14" - 36" - 150psi		
1019-06a-03	M&H Valve Style 259	3" - 12" - 175psi 14" - 36" - 150psi		
1019-06a-04	Golden Anderson Fig 340-S	3" - 24" - 250psi		
CHECK VALVES				
	Rubber Flapper Swing Check Valves			
PRODUCT SOURCE CODE	SOURCE	SIZE/RATING		
1019-06b-01	Val-matic Series VM-500A	3"-≤30" - 250 psi 30"-48" - 150 psi		
1019-06b-02	Golden Anderson Fig 200BF	3" - 24" - 250 psi		
1019-06b-03	Danfoss Flomatic Model 745 BFPI	3"-12" - 250 psi 14"-24" - 175 psi		

QUICK CONNECT COUPLINGS			
PRODUCT SOURCE CODE PRODUCT SOURCE			
1019-07-01	Model PF-C coupler with Model 634A plug	Dover Corporation OPW Division	

AIR AND VACUUM VALVES			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
1019-08-01	Model D-025 (combo)	A.R.I. USA Inc.	
1019-08-02	Series 800 (combo)	Val-matic Valve and Manufacturing Company	
1019-08-03	Series 300 (air/vacuum)	Val-matic Valve and Manufacturing Company	
1019-08-04	Series 48ABW (air release)	Val-matic Valve and Manufacturing Company	

CORPORATION STOPS			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	SIZE/RATING
1019-09-01	H-15029	Mueller Company	³ / ₄ ", 100 psi pressure rating

FLANGE ADAPTER COUPLINGS Restrained Couplings					
PRODUCT SOURCE CODE	PRODUCT	SOURCE	SIZE/RATING		
1019-10-01	Style Alpha FC	ROMAC Industries	≤ 12 inches		
	FLEXIBLE COUPLINGS Non-Restrained Couplings				
PRODUCT SOURCE CODE					
1019-10-01	Style 128-W	Dresser Company	≤ 24 inches		
1019-10-02	Style FCA 501	ROMAC Industries	≤ 16 inches		

FLEXIBLE COUPLINGS					
	Victaulic Type Couplings				
PRODUCT SOURCE CODE	PRODUCT	SOURCE			
1019-11-01	Style 741	Victaulic Vic Flange			
FLEXIBLE COUPLINGS					
Sleeve Couplings					
PRODUCT SOURCE CODE	PRODUCT	SOURCE			
1019-11-02	Style 40 (long body)	Dresser			
1019-11-03	Style 38 (short body)	Dresser			

DIAPHRAGM SEALS			
PRODUCT SOURCE CODE PRODUCT SOURCE			
1019-12-01	Type SB	Mansfield and Green	
1019-12-02	Series 40 Flanged Sensor	Red Valve Company	

MECHANICAL WALL SEALS		
PRODUCT SOURCE CODE	PRODUCT	SOURCE
1019-14-01	Link-Seal	Thunderline Corporation

HOSE END FAUCETS		
PRODUCT SOURCE CODE	PRODUCT	SOURCE
1019-15-01	Model Z-1385	Zurn

PRESSURE GAGES		
PRODUCT SOURCE CODE	PRODUCT	SOURCE
1019-16-01	Series 450	H.O. Trerice Company

REDUCED PRESSURE BACKFLOW PREVENTERS			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
1019-17-01	Model FRP-11	Beeco-Hersey	
1019-17-02	6 CM	Beeco-Hersey	

DIAPHRAGM AND FLAP CHECK VALVES			
PRODUCT SOURCE CODE	PRODUCT	SOURCE	
1019-18-01	Series TF-2 Compression Bands	Red Valve	
1019-18-02	Figure No. F-3016	CLOW Water Systems Co.	