City of Harrisonburg, Virginia - Department of Public Utilities Product Status List

				Product Status List			
Category	Product	Manufacturer	Model	Restrictions	Specification Reference	Status	Comments
Fire Hydrant	Fire Hydrant (5 1/4" opening)	American Flow Control	B-84-B		AWWA C502	Approved	Approved on Nov. 1, 2004
Fire Hydrant	Fire Hydrant (5 1/4" opening)	AVK	2780 Series		AWWA C502	Approved	Approved on Nov. 1, 2004 Approved on Nov. 1, 2004
Fire Hydrant	Fire Hydrant (5 1/4" opening)		Guardian K81D		AWWA C502 AWWA C502		Approved on Nov. 1, 2004 Approved on Nov. 1, 2004
		Kennedy			AWWA C502 AWWA C502	Approved	
Fire Hydrant	Fire Hydrant (5 1/4" opening)	Mueller	Centurian A423		AWWA C502	Approved	Approved on Nov. 1, 2004
Frame and Cover	Manhole Frame and Cover	Capitol Foundry	MH-3000	With Pick Bars, NO gasket, NO nuts		Approved	
Frame and Cover	Manhole Frame and Cover	US Foundry	USF 710	With Pick Bars, NO gasket, NO nuts		Approved	
Anhole Accessories	Coal Tar Solution Manhole Coating	Porter Paint Company	Tarmastic 100			Approved	
Ianhole Accessories	Flexible Pressed Wedge Gasket	Press-Seal Gasket Corporation		Max. 15 degree deflection		Approved	Pipe to manhole connections
Ianhole Accessories	Inflow Prevention Device (bowl)	Rainguard				Approved	When mh rim is below 100 yr flood elev
leter	1 1/2" and 2" Meter w/ touch read	Mueller	562DI & 572DI			Approved	Compound Meter or Fireline Meter
leter	5/8"x3/4", 1" Meter w/ touch read	Mueller	420	By City forces ONLY		Approved	Compound Meter
leter	5/8"x3/4", 1" Meter w/ touch read	Sensus	AccuSTREAM	By City forces ONLY		Approved	Compound Meter
leter	FM3 with bypass	Mueller	FM3			Approved	Fireline applications (sizes 3" - 10")
ine Accessories	Rolted Flay Pine Counting	Ford	FC2A			Approved	
ipe Accessories	Bolted Flex Pipe Coupling		PA4XHCSK			Approved	/ VH with countercurk plug
ipe Accessories	Cleanout Cap & Plug Flexible Manhole Boot	Panella National Pollution Control Systems, Inc.				Approved	4" XH with countersunk plug
ipe Accessories		National Pollution Control Systems, Inc.		24" and larger size		Approved	
ipe Accessories	Flexible Manhole Boot Flexible Rubber Sleeve	National Pollution Control Systems, Inc	. Contour-Seal	24" and larger pipe		Approved	Ding to manhalo connections
ipe Accessories		Interpace Corp.	Magalug Cariaa 1100	Mara Dand sected		Approved	Pipe to manhole connections
pe Accessories	Mechanical Restraint	Ebaa Iron) Mega-Bond coated		Approved	Regular
pe Accessories	Mechanical Restraint	Ebaa Iron	0 0	OS Mega-Bond coated		Approved	Split Gland
pe Accessories	Mechanical Restraint	Romac	Romagrip	Must be Epoxy Coated		Approved	Must be Epoxy Coated
pe Accessories	Mechanical Restraint	Ford	Uniflange			Approved	0
pe Accessories	PVC SDR 21 Gasket	HARCO	004.045			Approved	See old DCSM book, ch 7 pg 19
ipe Accessories	Saddle	Romac	CB4.215			Approved	SDR 21 and Sch 40 PVC
ipe Accessories	Saddle	Romac	CB4.38			Approved	Cast Iron Soil Pipe
ipe Accessories	Straight Pipe Coupling	Fernco	504			Approved	
ipe Accessories	Straight Pipe Coupling	Romac	501			Approved	
ipe Accessories	Straight Pipe Coupling	Smith Blaire	#441	Alleri Delte		Approved	
ipe Accessories	Straight Pipe Coupling	Ford	F1	Alloy Bolts		Approved	
ipe Accessories	Straight Pipe Coupling	Romac	CL1	Alloy Bolts		Approved	
ipe Accessories	Straight Pipe Coupling	Romac	CL2	Alloy Bolts	ANIOL 40.4. OL	Approved	
ipe Accessories	Tapping Sleeve	American Flow Control	2800 Series	4"-12" Tap Size	ANSI-16.1, Class 125, MSS SP-60	Approved	
ipe Accessories	Tapping Sleeve	Kennedy	960/F205		ANSI-16.1, Class 125, MSS SP-60	Approved	
pe Accessories	Tapping Sleeve	M&H	1174		ANSI-16.1, Class 125, MSS SP-60	Approved	
ipe Accessories	Tapping Sleeve	Mueller	H615		ANSI-16.1, Class 125, MSS SP-60		
ipe Accessories	Tapping Sleeve	Tyler	5-149 (all ductile iron) 4"-12" Tap Size	ANSI-16.1, Class 125, MSS SP-60	Approved	
ervice Accessories	1" Angle Double Check Valve	Ford	HHA91-344			Approved	
Service Accessories	1" Expansion Connector	Ford	EC4			Approved	
ervice Accessories	1" Flare Angle Valve	Ford	BA92-444W			Approved	When tested with the main
ervice Accessories	1" Flare Coupling	Ford	CS22-44			Approved	
ervice Accessories	1" Yoke Bar	Ford	Y504			Approved	
ervice Accessories	1" Flare x MIP Straight Connector	Ford	C28-44			Approved	NPT by flare
ervice Accessories	1" Flare Coupling	Ford	C22-44			Approved	
ervice Accessories	1", 2" Corporation Stop	Ford	FB1600	Intended for ARV installation		Approved	AWWA/CC thread x FIP thread (Ball type)
	· · · · ·		B11-xx (w/ HH 34 or				
ervice Accessories	1", 2" Curb Stop	Ford	HH 67 handle)	Intended for ARV installation		Approved	FIP thread x FIP thread (Ball type)
	2" Copper Setter	Ford	VBH77			Approved	15x17B with JB81-777 below check valve and check
	2" Curb Stop	Ford	B21-777			Approved	flare by female ip thread ball type
ervice Accessories	2" Curb Stop	Ford	B22-777			Approved	flare by flare ball type
ervice Accessories	2" Flare Coupling	Ford	C22-77			Approved	Flare by flare, 3 piece union
ervice Accessories	2" Flare x MIP Straight Connector	Ford	C28-77			Approved	NPT by flare
Service Accessories	3/4" Angle Double Check Valve	Ford	HHA92-323D			Approved	
Service Accessories	3/4" Angle Double Check Valve	Mueller	H14246A			Approved	

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Product /4" Flare Angle Valve /4" Flare Angle Valve /4" Flare Coupling /4", 1" Flare Coupling /4", 1" Corp Stop /4", 1" Corp Stop /4", 1", 2" Corporation Stop /4", 1" Angle Valve /8"x3/4" Expansion Connector /8"x3/4" Expansion Connector /8"x3/4" Yoke Bar /4" Yoke Bar /4" Yoke Bar Double Meter Branch Fitting	Manufacturer Ford Mueller Ford Mueller A.Y. McDonald Mueller Ford Ford Ford Ford Ford Ford Ford Mueller A.Y. McDonald	Model BA92-323W B24264R CS22-33 H15405 4701 B25000 FB600 FB700 4602Y EC23 H14234 Y502 H5020	Restrictions	Specification Reference	StatusApprovedApprovedApprovedApprovedApprovedApprovedApprovedApprovedApprovedApprovedApprovedApprovedApprovedApprovedApprovedApprovedApprovedApproved	Comments When tested with the main When tested with the main When tested with the main AWWA/CC thread x Flare (Ball type) MIP thread x Flare (ball type)
b/4" Flare Angle Valve b/4" Flare Coupling b/4", 1" Flare Coupling b/4", 1" Corp Stop b/4", 1" Corp Stop b/4", 1" Flare Stop b/4", 1", 2" Corporation Stop b/4", 1" Angle Valve b/8"x3/4" Expansion Connector b/8"x3/4" Yoke Bar b/8"x3/4" Yoke Bar b/4" Yoke bar " Yoke Bar	Mueller Ford Mueller A.Y. McDonald Mueller Ford Ford A.Y. McDonald Ford Mueller Ford Mueller Ford A.Y. McDonald	B24264R CS22-33 H15405 4701 B25000 FB600 FB700 4602Y EC23 H14234 Y502			Approved Approved Approved Approved Approved Approved Approved Approved Approved	When tested with the main When tested with the main AWWA/CC thread x Flare (Ball type)
6/4" Flare Coupling 6/4", 1" Flare Coupling 6/4", 1" Corp Stop 6/4", 1" Flare Stop 6/4", 1", 2" Corporation Stop 6/8"x3/4" Expansion Connector 6/8"x3/4" Yoke Bar 6/4" Yoke bar " Yoke Bar	Ford Mueller A.Y. McDonald Mueller Ford Ford A.Y. McDonald Ford Mueller Ford Mueller A.Y. McDonald	CS22-33 H15405 4701 B25000 FB600 FB700 4602Y EC23 H14234 Y502			Approved Approved Approved Approved Approved Approved Approved Approved	When tested with the main AWWA/CC thread x Flare (Ball type)
6/4", 1" Flare Coupling 6/4", 1" Corp Stop 6/4", 1" Flare Stop 6/4", 1", 2" Corporation Stop 6/4", 1", 2" Corporation Stop 6/4", 1", 2" Corporation Stop 6/4", 1" Angle Valve 6/4", 1" Angle Valve 6/4", 1" Expansion Connector 6/8"x3/4" Expansion Connector 6/8"x3/4" Yoke Bar 6/8"x3/4" Yoke Bar 6/4" Yoke Bar 7/4" Yoke Bar	Mueller A.Y. McDonald Mueller Ford Ford A.Y. McDonald Ford Mueller Ford Mueller A.Y. McDonald	H15405 4701 B25000 FB600 FB700 4602Y EC23 H14234 Y502			Approved Approved Approved Approved Approved Approved Approved	AWWA/CC thread x Flare (Ball type)
g/4", 1" Corp Stop g/4", 1" Flare Stop g/4", 1", 2" Corporation Stop g/4", 1" Angle Valve g/8"x3/4" Expansion Connector g/8"x3/4" Yoke Bar g/8"x3/4" Yoke Bar g/4" Yoke bar " Yoke Bar	A.Y. McDonald Mueller Ford Ford A.Y. McDonald Ford Mueller Ford Mueller A.Y. McDonald	4701 B25000 FB600 FB700 4602Y EC23 H14234 Y502			Approved Approved Approved Approved Approved Approved	AWWA/CC thread x Flare (Ball type)
 j/4", 1" Flare Stop j/4", 1", 2" Corporation Stop j/4", 1", 2" Corporation Stop j/4", 1" Angle Valve j/8"x3/4" Expansion Connector j/8"x3/4" Expansion Connector j/8"x3/4" Yoke Bar j/8"x3/4" Yoke Bar j/4" Yoke bar " Yoke Bar 	Mueller Ford A.Y. McDonald Ford Mueller Ford Mueller A.Y. McDonald	B25000 FB600 FB700 4602Y EC23 H14234 Y502			Approved Approved Approved Approved Approved	AWWA/CC thread x Flare (Ball type)
 J/4", 1", 2" Corporation Stop J/4", 1", 2" Corporation Stop J/4", 1" Angle Valve J/8"x3/4" Expansion Connector J/8"x3/4" Expansion Connector J/8"x3/4" Yoke Bar J/8"x3/4" Yoke Bar J/4" Yoke bar " Yoke Bar 	Ford Ford A.Y. McDonald Ford Mueller Ford Mueller A.Y. McDonald	FB600 FB700 4602Y EC23 H14234 Y502			Approved Approved Approved Approved	AWWA/CC thread x Flare (Ball type)
9/4", 1", 2" Corporation Stop 9/4", 1" Angle Valve 9/8"x3/4" Expansion Connector 9/8"x3/4" Expansion Connector 9/8"x3/4" Yoke Bar 9/8"x3/4" Yoke Bar 9/4" Yoke bar " Yoke Bar	Ford A.Y. McDonald Ford Mueller Ford Mueller A.Y. McDonald	FB700 4602Y EC23 H14234 Y502			Approved Approved Approved	
9/4", 1" Angle Valve 9/8"x3/4" Expansion Connector 9/8"x3/4" Expansion Connector 9/8"x3/4" Yoke Bar 9/4" Yoke Bar 10/4" Yoke bar 11 Yoke Bar	A.Y. McDonald Ford Mueller Ford Mueller A.Y. McDonald	4602Y EC23 H14234 Y502			Approved Approved	MIP thread x Flare (ball type)
5/8"x3/4" Expansion Connector 5/8"x3/4" Expansion Connector 5/8"x3/4" Yoke Bar 5/8"x3/4" Yoke Bar 5/4" Yoke bar " Yoke Bar	Ford Mueller Ford Mueller A.Y. McDonald	EC23 H14234 Y502			Approved	
i/8"x3/4" Expansion Connector i/8"x3/4" Yoke Bar i/8"x3/4" Yoke Bar i/4" Yoke bar " Yoke Bar	Mueller Ford Mueller A.Y. McDonald	H14234 Y502				
/8"x3/4" Yoke Bar /8"x3/4" Yoke Bar /4" Yoke bar " Yoke Bar	Ford Mueller A.Y. McDonald	Y502			Approved	
i/8"x3/4" Yoke Bar i/4" Yoke bar " Yoke Bar	Mueller A.Y. McDonald					
3/4" Yoke bar " Yoke Bar	A.Y. McDonald	H5020			Approved	
" Yoke Bar					Approved	
		14-2			Approved	
Double Meter Branch Fitting	A.Y. McDonald	14-4			Approved	
9	Ford	U28-43			Approved	1"x3/4"x3/4" w/ 6 1/2" width (also permit 7 1/2")
Oouble Meter Branch Fitting	Mueller	H15362			Approved	1"x3/4"x3/4" w/ 6 1/2" width (also permit 7 1/2")
Double Meter Tee Fitting	Ford	T222-334			Approved	1"x3/4"x3/4"
Double Meter Tee Fitting	Mueller	H15380			Approved	1"x3/4"x3/4"
Flare x Thread Angle Valve	Ford	BA91-323W			Approved	When tested with the main
/leter Box	Ford	Ironcrete #1-1/2			Approved	
leter Box	Ford	Ironcrete #2			Approved	
/leter Box Lid	Ford	A-32	Non-traffic areas ONLY		Approved	
/leter Box Lid	Ford	A-32T			Approved	Traffic Rated
Plastic Meter Box	Carson	18B inverted	Min. 20,000 lb. vert. crush strength		Approved	18" top x 24" bottom x 20" depth
Plastic Meter Box	Carson	0018-MAX			Approved	bullet box
		0 000				
			4			
		-	1" & 2"			
					Approved	
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<u> </u>	Kennedy				Approved	
			4"-12" Tap Size		Approved	
Resilient Wedge Tapping Valve	Mueller	T2360		AWWA C500 & C509	Approved	
Niding Valve Box	Bingham-Taylor	Fig. No. 4908	Pavement Concrete or Other	Cast Iron ASTM A-48 sliding only	Approved	
	· ·	0		· • • • • • • • • • • • • • • • • • • •		
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	ouble Meter Tee Fitting are x Thread Angle Valve leter Box leter Box leter Box Lid leter Box Lid lastic Meter Box	ouble Meter Tee FittingMuellerlare x Thread Angle ValveFordleter BoxFordleter BoxFordleter Box LidFordleter Box LidFordlastic Meter BoxCarsonlastic Meter BoxCarsonlastic Meter BoxCarsonlastic Meter BoxCarsonlastic Meter BoxCarsonir/Vacuum ValveG.A. Industriesir/Vacuum ValveValmaticir/Vacuum ValveValmaticir/Vacuum ValveValve and Primer Corp.utterfly ValveKennedyutterfly ValveMuellerouble Disc Gate ValveMuelleresilient Seat Gate ValveMuelleresilient Wedge Tapping ValveAmerican Flow Controlesilient Wedge Tapping ValveM&Hesilient Wedge Tapping ValveMuelleresilient Wedge Tapping ValveMuelleresilient Wedge Tapping ValveMuelleresilient Wedge Tapping ValveMatherliding Valve BoxBingham-Taylorliding Valve BoxCapitol Foundry	ouble Meter Tee FittingMuellerH15380are x Thread Angle ValveFordBA91-323Wleter BoxFordIroncrete #1-1/2leter BoxFordIroncrete #2leter Box LidFordA-32leter Box LidFordA-32leter Box LidFordA-32lastic Meter BoxCarson18B invertedlastic Meter BoxCarson0018-MAXir/Vacuum ValveEmpire GeneralSpec. 930ir/Vacuum ValveG.A. IndustriesF16ir/Vacuum ValveValmatic201C/202Cir/Vacuum ValveValwatic201C/202Cir/Vacuum ValveValve and Primer Corp.APCO 143C/145Cutterfly ValveKennedy4dap-Torqutterfly ValveMuellerLineseal IIIouble Disc Gate ValveMuellerA2380-20esilient Seat Gate ValveMuellerA2360-20esilient Wedge Tapping ValveAmerican Flow Control2500 Seriesesilient Wedge Tapping ValveMeellerT2360liding Valve BoxBingham-TaylorFig. No. 4908liding Valve BoxCapitol Foundry562-A	ouble Meter Tee Fitting Mueller H15380 are x Thread Angle Valve Ford BA91-323W leter Box Ford Ironcrete #1-1/2 eter Box Lid Ford Ironcrete #2 eter Box Lid Ford A-32 Non-traffic areas ONLY eter Box Lid Ford A-32 Non-traffic areas ONLY eter Box Lid Ford A-32 Non-traffic areas ONLY astic Meter Box Carson 18B inverted Min. 20,000 lb. vert. crush strength lastic Meter Box Carson 0018-MAX Spec. 930 rir/Vacuum Valve Empire General Spec. 930 Spec. 700 rir/Vacuum Valve Valmatic 201C/202C Sprise 36 rir/Vacuum Valve Valmatic 201C/202C Sprise 36 rir/Vacuum Valve Valve and Primer Corp. APCO 143C/145C Sprise 36 utterfly Valve Kennedy Adap-Torq 16" and larger utterfly Valve Mueller Less than 16" Souble Disc Gate Valve Mueller ouble Disc Gate Valve Mueller A2380-20 Less than 16" Seilient Seat Gate Valve M	ouble Meter Tee Fitting Mueller H15380 are x Thread Angle Valve Ford BA91-323W eter Box Ford Ironcrete #1-1/2 eter Box Ford Ironcrete #2 eter Box Lid Ford A-32 eter Box Lid Ford A-32T lastic Meter Box Carson 18B inverted Min. 20,000 lb. vert. crush strength lastic Meter Box Carson 0018-MAX Ford Ironcrete #2 ri/Vacuum Valve Empire General Spec. 930 Ford Ironcrete #2 ri/Vacuum Valve CLA-VAL Series 36 Ford Ironcrete #2 ri/Vacuum Valve Valve and Primer Corp. APCO 143C/145C WWA C504 utterfly Valve Kennedy Adap-Torq 16" and larger AWWA C504 ouble Disc Gate Valve Weller Lineseal III 16" and larger AWWA C500 ouble Disc Gate Valve Mueller A230-20 Less than 16" AWWA C509 esilient Seat Gate Valve Mueller A230-20 Less than 16" AWWA C509 <td>Ouble Meter Tee Fitting Mueller H15380 Approved are X Thread Angle Valve Ford BA91-323W Approved are X Thread Angle Valve Ford Incncrete #1-1/2 Approved eter Box Ford Incncrete #2 Approved eter Box Lid Ford A-32 Non-traffic areas ONLY Approved eter Box Lid Ford A-32 Non-traffic areas ONLY Approved astic Meter Box Carson 18B inverted Min. 20,000 lb, vert. crush strength Approved astic Meter Box Carson 0018-MAX Approved Approved ir/Vacuum Valve Empire General Spec. 930 Approved Approved ir/Vacuum Valve Valve Approved Approved Approved ir/Vacuum Valve Valve and Primer Corp. APCO 143C/145C Approved Approved ir/Vacuum Valve Valve and Primer Corp. APCO 143C/145C Approved Approved ir/Vacuum Valve Valve and Primer Corp. APCO 143C/145C AWWA CS04 Approved</td>	Ouble Meter Tee Fitting Mueller H15380 Approved are X Thread Angle Valve Ford BA91-323W Approved are X Thread Angle Valve Ford Incncrete #1-1/2 Approved eter Box Ford Incncrete #2 Approved eter Box Lid Ford A-32 Non-traffic areas ONLY Approved eter Box Lid Ford A-32 Non-traffic areas ONLY Approved astic Meter Box Carson 18B inverted Min. 20,000 lb, vert. crush strength Approved astic Meter Box Carson 0018-MAX Approved Approved ir/Vacuum Valve Empire General Spec. 930 Approved Approved ir/Vacuum Valve Valve Approved Approved Approved ir/Vacuum Valve Valve and Primer Corp. APCO 143C/145C Approved Approved ir/Vacuum Valve Valve and Primer Corp. APCO 143C/145C Approved Approved ir/Vacuum Valve Valve and Primer Corp. APCO 143C/145C AWWA CS04 Approved