



APPROVED MANUFACTURERS PRODUCTS LIST FOR WATER SYSTEMS

Latest Revisions to the Approved Manufacturers Products List for Water Systems

[illegible]

REGION OF HALTON					
APPROVED MANUFACTURERS' PRODUCTS					
FOR WATER SYSTEMS - LINEAR					
PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Casing Spacers		Advance Products & Systems, Inc. (APS)	SSI SI CI P	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		BWM	SS-8, SS-12 FB-8, FB-12	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Cascade Waterworks	CCS CCE-ER CCSPL	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		CCI Pipeline Systems	CSS8, CSS12 CSC8, CSC12 CSP	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Ford Meter Box Co.	1300-CAS	<input type="checkbox"/>	Combined joint restraint and spacer
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Pipeline Seal & Insulator, Inc (PSI)	Model C Ranger II	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Raci	F & G M & N R & H L P & Q	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	

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Corrosion Protection	Petrolatum Coatings AWWA C217	Advance Corrosion Solutions, Inc.	PetroGuard Tape LT PetroGuard Mastic PetroGuard PM3 ST		
		Denso North America	LT Tape Profiling Mastic Paste		
		Insulmastic Building Products	PetroWrap Tape LT PetroWrap Mastic PetroWrap Paste		
		Petro Coating Systems	PTLT tape PMST mastic PP paste		
		Tapecoat	TC Envirostretchwrap TC Envirotape TC Enviro Profile Putty Enviroprime		
	Zinc Anodes ASTM B 418 Type II Magnesium Anodes ASTM B 843	Bren Technologies	Zinc and Magnesium		"Bren Technologies/BT" on package
		Integrity Anode Corp.	Zinc		"Integrity Anode" on package
		Interprovincial Corrosion Control Company	Zinc and Magnesium		"ICCC" on package
		Exothermal Industries	Zinc and Magnesium		"Maple Agencies" on package

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Couplings	AWWA C219 AWWA C227	EBAA	Megalug Series 3800	<input type="checkbox"/>	Restrained coupling, DI and PVC
				<input type="checkbox"/>	
		Ford Meter Box Company, Inc	FC1 FC2A	<input type="checkbox"/>	Straight - unrestrained
				<input type="checkbox"/>	Transition - unrestrained
		Georg Fischer	MultiJoint 3000 Plus System Model 3000 Model 3007 Model 3100 Model 3107 Model 3050 Model 3150	<input type="checkbox"/>	unrestrained
				<input type="checkbox"/>	restrained
				<input type="checkbox"/>	unrestrained reducing
				<input type="checkbox"/>	restrained reducing
				<input type="checkbox"/>	unrestrained flange adaptor
				<input type="checkbox"/>	unrestrained reducing flange adaptor
		Krausz Industries	Hymax 2000	<input type="checkbox"/>	Straight, transition, reducing - unrestrained
				<input type="checkbox"/>	
		PowerSeal	3501	<input type="checkbox"/>	Straight, transition - unrestrained
		Robar Industries	1506	<input type="checkbox"/>	Transition - unrestrained
				<input type="checkbox"/>	
		Romac Industries	501 RC501	<input type="checkbox"/>	Straight - unrestrained
				<input type="checkbox"/>	Reducing - unrestrained
		Smith-Blair	441 470 Series Model 975	<input type="checkbox"/>	Transition - unrestrained
				<input type="checkbox"/>	Straight - restrained (not for PVCO)
				<input type="checkbox"/>	Dismantling joint - restrained
Continued		Straub	Grip-L	<input type="checkbox"/>	DI, PVC restrained coupling to 200mm
				<input type="checkbox"/>	
			Metal-Grip	<input type="checkbox"/>	DI, PVC restrained coupling to 350mm
				<input type="checkbox"/>	
			Open-Flex 1L Open-Flex 2 Open-Flex 3 Flex	<input type="checkbox"/>	unrestrained
				<input type="checkbox"/>	unrestrained
		Teekay	Axiflex Axilock	<input type="checkbox"/>	unrestrained, all pipe materials
				<input type="checkbox"/>	restrained, all pipe materials
				<input type="checkbox"/>	
				<input type="checkbox"/>	

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		Victaulic	W77 230S		Restrained Unrestrained
	Water Service Couplings AWWA C800	A.Y. McDonald	74759Q		comp x comp
		Cambridge Brass	119NL 117NL-H-M 117NL-H-F		comp x comp comp x M.I.P. comp x F.I.P.
		Ford Meter Box	C-44-Q-NL C-84-Q-NL C-14-Q-NL		comp x comp comp x M.I.P. comp x F.I.P.
		Mueller Canada	H-15403NL H-15428NL H-15451NL		comp x comp comp x M.I.P. comp x F.I.P.

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Fittings	Ductile Iron AWWA C153	RCT	Flex-Tite	<input type="checkbox"/>	Fittings stamped RCT
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Sigma		<input type="checkbox"/>	Fittings stamped "Sigma"
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		SIP		<input type="checkbox"/>	Fittings stamped "SIP"
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Star Pipe Products		<input type="checkbox"/>	Fittings stamped "Star"
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Tyler Foundry Union Foundry		<input type="checkbox"/>	Fittings stamped "Tyler" or "Union"
				<input type="checkbox"/>	
				<input type="checkbox"/>	
	PVC AWWA C900 AWWA C905 AWWA C907	Harco		<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Ipex	Blue Brute Centurion	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Royal Municipal Solutions		<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Flushing Devices		Kupferle	Eclipse 9800	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Hydrants	Dry Barrel	AVK	2780		
	AWWA C502	Clow	Bibby Sentinel Concord Premier D-67-M McAvity Brigadier M-67-B McAvity Heritage M-59-M		
	Mueller	Century			

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Joint Restraint		Clow	300C 360C		MJ for PVC For C907 Fittings
			40C		Flange to DI adaptor
		EBAA Iron	Megalug Series 1100 Megalug Series 1700 Megalug Series 3800		MJ for D.I. Bell/spigot for D.I. Restrained coupling, D.I. PVC Not for C909 PVCO
			Megalug Series 2000PV		MJ for PVC C900/905 Not for C909 PVCO
		Ford/Uni-Flange	Series 1300C Series 1350C Series 1360C		D.I., PVC PVC Bell/spigot PVC Fittings
			FFCA		Flanged Coupling Adapter unrestrained None of above for C909 PVCO
		Georg Fischer	Model 3057 Model 3157 Model 3207		restrained flange adaptor restrained reducing flange adaptor restrained end cap None of above for C909 PVCO
		Romac Industries	GripRing		MJ for PVC (black ring), MJ for DI (black ring) Not for PVCO pipe (C909)
		Sigma	PV-LOK PWH PV-LOK PWP PV-LOK PWM PV-LOK PWPF		Bell/spigot PVC Bell/spigot PVC and DI PVC to DI fitting PVC to PVC Fab. Fitting
			ONE-LOK SLCEH ONE-LOK SLDEH ONE-LOK SLCE ONE-LOK SLDE		Bell/spigot PVC Bell/spigot DI MJ PVC MJ DI

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		SIP	EZ Grip EZ Grip PTP		MJ for DI, PVC - not for PVCO Bell/spigot, PVC - Not for PVCO
		Smith-Blair	Cam-Lock 111 Cam-Lock 120		MJ DI MJ PVC
			Flange-Lock 911 Flange-Lock 920		Flange to DI adaptor Flange to PVC adaptor AWWA C900 & C905 only
		Star Pipe Products	Stargrip Series 3000 Stargrip Series 4000 Stargrip Series 4000G2 ALL Stargrip Series 4300 PVCGRIP 3500 Series 1000C		MJ DI MJ PVC MJ PVC/PVCO MJ PVC/PVCO MJ PVC MJ PVC
			Series 1100C Series 1200C		Bell/spigot PVC PVC to PVC C907 fitting Not for C909 PVCO
			Series 400		Flange to DI restrained adapter
			Series 1000G2 Series 1100G2 Series 1200G2		MJ PVC & PVCO (C909) Bell restrainer PVC & PVCO (C909) PVC C907 press. fitting restraint
		Straub	Grip-L Metal-Grip		DI, PVC restrained coupling DI, PVC restrained coupling
		Tyler Union	Tufgrip 1500 Dual Wedge		DI, PVC and C909 PVCO restraint is orange in colour

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Pipe	Concrete Pressure Pipe AWWA C301(L) AWWA C301(E) AWWA C303	DECAST Ltd.	C301(L) C301(E)		400 - 1500mm 1050 - 3600mm
		Forterra	C303 C301(L) C301(E)		400- 1500mm 400 - 1500mm 1050 - 3600mm
	PVC AWWA C900 AWWA C905 AWWA C909 CSA B137.3	Diamond Plastics			C900
		Ipex	Blue Brute Centurian Bionax PVCO Fusible		C900 C905 C909 to 300mm C900/905 For Directional Drilling Use
		Next Polymers	Aqualoc		C900
		National Plastics	Dura-Blue		C900/C905
		Royal	Royal Municipal Solutions Royal Municipal Solutions		C900 C905
	Ductile Iron AWWA C104 AWWA C111 AWWA C150 AWWA C151	McWane			Pipe marked "Clow/McWane"
	Glass Reinforced Polymer (GRP) AWWA C950	Flowtite			500mm and larger
	Steel AWWA C200	Canadian Phoenix Steel Products	Spiral-Seam		600mm and larger
		Ewing Fabricators	Straight-Seam		600mm - 3660mm
		Northwest Pipe	Spiral-Seam		600mm and larger
Continued					

	Copper	Great Lakes Copper			Type K, soft
	ASTM B88				

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Precast Sections	CSA A257.4	Co-Pipe			
		Coldstream Concrete			
		Con Cast			
		Forterra			
		M-Con			
		DECAST Ltd.			
		Wilkinson			

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Pre-Insulated Pipe System		Urecon	Standard U.I.P.	<input type="checkbox"/>	Host pipe must be on AMPL Includes site installed bend insulating kit
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Repair Clamps		Cambridge Brass	Series 425	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Ford Meter Box Co.	FS1	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Krausz Industries	EZ Max Plus 4000	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Mueller	500 510	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Robar Industries	5616	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Romac Industries	SS1	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Smith-Blair	226	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Teekay	Repair Coupling	<input type="checkbox"/>	unrestrained, all pipe materials
				<input type="checkbox"/>	
				<input type="checkbox"/>	

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Service Saddles		Ayotte Enterprises Inc.	A-900	<input type="checkbox"/>	19mm to 50mm for CPP
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Cambridge Brass	Teck 403 (model 8403)	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Mueller Canada	BR 2 S	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Robar Industries	2706 2616	<input type="checkbox"/>	all pipe including HDPE fabricated double bolt
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Romac	306	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Smith-Blair	313 373/374	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Tapping Sleeves	AWWA C223	Ayotte Enterprises Inc.	A-600 A-320		to 900mm for CPP to 600mm all materials except CPP
		Ford Meter Box Company	FTS		to 750mm all pipe materials
		Robar Industries	6906 6606		DI, CI, Steel, AC to 600mm DI, CI, Steel, AC, PVC to 600mm
		Romac Industries	SST FTS420		all materials to 600mm all materials to 1050mm
		Smith-Blair	622		all materials to 750mm
		PowerSeal	3460CS		all materials to 750mm

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Valves	Butterfly AWWA C504	DeZurik	BAW		
		Clow Canada M & H	4500 1450		to 600mm 750 - 1200mm
		Mueller	B-3211 Lineseal III		to 1200mm
		Pratt	2FII XR-70		to 500mm 600mm to 1800mm
		Vahn-Tech	VT-BFV-A04		500mm to 1200mm
		Val-matic	2000		to 3600mm
	Gate Valves C509/515	AVK	Series 45		C509 to 400mm
			Series 45		C509 Tapping Valve to 300mm
		Series 55		C515 to 750mm	
		Series 65		C515 to 300mm	
	Clow Canada	2638 2639 2640		C515 to 1200mm C509 to 300mm (ductile iron) C509 to 300mm (cast iron)	
EJ	Flowmaster		C515 to 400mm		
Mueller Canada	A-2360 A-2361 A-2362 T-2360 T-2361		C509 to 300mm C515 400 to 1200mm C509 to 300mm C509 Tapping valve to 300mm C515 Tapping valve to 600mm		
Air Valves Single Body Combination AWWA C512	APCO	Series 140C			
Continued					

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
		A.R.I.	D-060-C HF & HFNS D-040 D-040-C	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Cla-Val	Series 36 Series 33A	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Crispin	UL10 to UL40 C61/62 C81/82	<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Val-Matic	201C to 208C	<input type="checkbox"/>	
				<input type="checkbox"/>	
		Vent-O-Mat	RBX	<input type="checkbox"/>	
				<input type="checkbox"/>	
	Curb Stops/Main Stops AWWA C800	A.Y. McDonald	76100Q 74701BQ	<input type="checkbox"/>	Curb Stop Main Stop
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Cambridge Brass	202NL 301NL	<input type="checkbox"/>	Curb Stop Main Stop
				<input type="checkbox"/>	
		Ford Meter Box	B-44-Q-NL FB1000-Q-NL	<input type="checkbox"/>	Curb Stop Main Stop
				<input type="checkbox"/>	
		Mueller	B-25209-NL B-25008-NL	<input type="checkbox"/>	Curb Stop Main Stop
				<input type="checkbox"/>	

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PRODUCT	TYPE	MANUFACTURER	MODEL/SERIES	<input checked="" type="checkbox"/>	REMARKS
Valve Chamber Adjustment Units		Armtec	Multi-Loc Adj. Ring	<input type="checkbox"/>	Concrete
				<input type="checkbox"/>	
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Ladtech Inc.	Adjustment Ring	<input type="checkbox"/>	Injection molded polyethylene
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Ken Taylor Industries	Structure Shim	<input type="checkbox"/>	For concrete adjustment unit support
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		DECAST Ltd.	Grade Adjustment Ring	<input type="checkbox"/>	Concrete
				<input type="checkbox"/>	
		Turner Company	Riser Ring	<input type="checkbox"/>	Polypropylene/Fibreglass
				<input type="checkbox"/>	
		Underground Technologies	Grade Ring	<input type="checkbox"/>	Expanded Polystyrene
				<input type="checkbox"/>	
				<input type="checkbox"/>	

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Valve Boxes	Large Diameter Valve Boxes	Bibby-Ste-Croix	VB3000	<input type="checkbox"/>	screw type 130mm bottom section ID
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		DomCast/Welcast	DF69	<input type="checkbox"/>	screw type 130mm bottom section ID
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Star Pipe Products	VB-5007	<input type="checkbox"/>	screw type 130mm bottom section ID
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Sigma	VB6500	<input type="checkbox"/>	screw type 130mm bottom section ID
				<input type="checkbox"/>	
				<input type="checkbox"/>	
	Service Boxes (stainless steel rod and cotter pin required for 25mm only, no rod for 38 mm and 50mm)	Bibby -Ste-Croix	2 1/2" Service Box	<input type="checkbox"/>	screw type 65mm bottom section ID
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Clow Canada	D-1 D-2	<input type="checkbox"/>	curb stop size 25mm curb stop size 38mm, 50mm
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		Mueller	A-726 A-753	<input type="checkbox"/>	curb stop size 25mm curb stop size 38mm, 50mm
				<input type="checkbox"/>	
				<input type="checkbox"/>	
		PCHG	Type D1 Type D2	<input type="checkbox"/>	curb box size 25mm curb box size 38mm, 50mm
				<input type="checkbox"/>	
		Star	SB-5001	<input type="checkbox"/>	curb stop size 25mm
				<input type="checkbox"/>	

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Valve Chamber Frames/Covers	Frame and Cover OPSD 401.010 OPSD 401.030	Bibby-Ste-Croix	Autostable		"JW150", "JW153" stamped on casting
					3 piece circular frame and cover, no applicable OPSD Drwg.
		DomCast/Welcast			
					Domcast or DCM & W stamped on casting
		Crescent / EJ			"CF" stamped on casting
		Exim Prosperity			"MF" & "CBMI" (on top) stamped on casting
		R .B. Agarwalla /Cedar			"RBA" (underside) & "CIP" (on top) stamped on casting
		Sigma			"Sigma" stamped on casting
		Star Castings			"Star" and "HC" stamped on casting
		Victory / EJ			"VIFL" stamped on casting