



City of Regina

**City of Regina
Standard Construction Specifications
APPROVED PRODUCTS LIST**

Requests for alternate products may be submitted to:

Development Services
City Planning and Development Division
Queen Elizabeth II Court
2476 Victoria Avenue
Regina, Saskatchewan
S4P 3C8
e-mail: productreviews@regina.ca

Revision List	
Date	Description
January 30, 2017	Initial Issue
April 4, 2017	Revised RP-02 - Crack Sealant
April 4, 2017	Revised WP-16 - Curb Boxes – removed Mueller as they no longer supply curb boxes
June 26, 2017	General: Revised Trojan Industries to Titan Foundry Revised WP-10 and SP-02 – Valve Boxes: removed IPEX and SIGMA Revised WP-16 – Curb Boxes: Added Titan Foundry Revise SP-10 - Catch Basin Frame and Covers on Bus Routes and Arterial Streets: Added TF 103-4 Revised SP-11 – High Capacity Catch Basin Frame and Cover: Added Titan Foundry Type K-1
January 17, 2018	Revised SP-09 – Grated Catch Basin Frame and Cover in Easements to refer to Standard Drawing S-7 Revised SP-10 - Catch Basin Frame and Covers on Bus Routes and Arterial Streets. Removed reference to TF 103-3. Revised WP-05 – added stainless steel or epoxy coated ductile iron sleeves. Revised WP-10- Added note regarding WD Industrial Type A PI to be used in open space areas only. Revised WP-16 – Added WD Industrial as approved. Revised RP-01 – Revised standard to be ASTM F667.
April 28, 2018	Revised WP-05 – Added Smith-Blair; updated standard reference. Revised WP-06 – Removed Dresser, Mueller “Maxi-Range”, Canada Pipeline Accessories; updated standard reference.
August 1, 2018	Revised WP-04 – Added CLOW as approved. Revised standard notes and comments. Revised WP-06 – Added Smith Blair as approved for couplings > 600, updated standard notes and comments. Revised WP-09 – Added VENT-O-MAT as approved. Revised SP-03 - Added VENT-O-MAT as approved.
November 20, 2018	Revised WP-06 – Added HYMAX GRIP and HYMAX Ductile Iron High pressure couplings as approved for couplings ≤ 300mm.

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WATER SPECIFICATIONS PRODUCTS (WP)							
1510	4 (2.2)	WP – 01	Fitting: Aluminum or 316 stainless steel	CAMLOK			Min pressure rating 690 kPa.
2511	2 (2.1.1)	WP – 02	PVC Pipe	IPEX Royal Pipe Riau		CSA B137 Series 13 ANSI/NSF 61 AWWA C900	
2511	4 (2.2.2)	WP – 03	PVC Fitting	HARCO IPEX		CSA B137.2 AWWA C907 ANSI/NSF 61	
2511	5 (2.2.5)	WP – 04	Joint restraints	Uni-Flange CLOW		UNI-B-13 and ASTM F1674	DI bodies to ASTM A356 Grade 64-45-12; 304 SS Bolts
2511	7 (2.6.1)	WP – 05	Couplings and Adaptors (≤ 300mm)	IPEX Inc. HARCO Robar Romac Smith Blair HYMAX	1696 Macro HP GRIP, Ductile Iron High Pressure Couplings	PVC: CSA B137.2 AWWA C219 ASTM A536 Gaskets: NSF 61	PVC to PVC pipe PVC to PVC or, PVC to AC or CI: T304 stainless sleeve or epoxy coated DI sleeves and followers.
2511	7 (2.6.2)	WP – 06	Couplings and Adaptors (> 300mm to 600mm)	Robar Romac Smith Blair			

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		WP – 06 (Cont'd)	Couplings and Adaptors (> 600mm)	Robar		AWWA C219 Sleeves: ASTM A53 Followers: ASTM A536 Gaskets: NSF 61	Carbon steel sleeves, ductile iron followers, fusion bonded epoxy coating.
				Romac			
				Smith Blair			
2511	8 (2.7.1)	WP – 07	Valves: Gate Valves	Mueller		AWWA C509 AWWA C515 ANSI/NSF 61	
				Clow			
				Bray			
2511	8 to 9 (2.7.2)	WP – 08	Valves: Butterfly Valves	K-Flo	Wolverine Series 500 and series 47	AWWA C505 AWWA C504 ANSI/NSF 61	
				DeZurik	DeZurik-RS632		
				Mueller	Mueller Lineseal III		
				Henry Pratt	Pratt-groundhog		
				Bray			
2511	9 (2.7.3)	WP – 9	Valves: Air Release	Val-Matic Cla-Val APCO VENT-O-MAT		AWWA C512 ANSI/NSF 61	
2511	10 (2.9)	WP – 10	Valves Boxes	Titan Foundry	Cast Iron Upper Section / PVC Lower		Normal use in roadways.
				Norwood Foundries	Cast Iron Upper Section / PVC Lower		

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		WP-10 (Cont'd)	Valves Boxes	WD Valve Boxes Ltd.	Type A PI		PVC upper section is approved only for use in open space applications. Not to be used under roadways.
2511	11 (2.10)	WP – 11	Hydrant	Mueller		AWWA C502	
				Clow			
2516	2 (2.3.1)	WP – 12	Service Saddle	ROBAR	Series 2600		For PVC pipe only. Service saddles on AC or CI pipe require full circle gaskets.
				Cambridge Brass	Series 8400		
2516	2 (2.3.2)	WP – 13	Repair Clamps	ROBAR	Series 5600		
				ROMAC	Style SS2		
2516	2 (2.3.2)	WP – 14	Unions	Ford			
				Mueller			
				Cambridge Brass			
2516	2 (2.3.4)	WP – 15	Curb Stops	Mueller	Mueller Type H15219N, Mueller Type H15182N	ANSI/NSF 61	Low Lead
				Cambridge Brass	Cambridge Brass Model 203NL		
				Ford	Ford Model B44N		

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2516	2 (2.3.4)	WP – 16	Curb Boxes and Covers	Titan Foundry	Epoxy coated Cast Iron Boots		ASTM A48	Ribbed cover complete with standard pentagon plug. Refer to Standard Drawing S-7
				WD Industrial	Polymer Boots			
2516	3 (2.3.5)	WP – 17	Corporation Stops	Mueller	25mm: Mueller Type H 15008N 40mm/50mm: Mueller Type H25008N		ANSI/NSF 61	Low Lead
				Ford	Ford Model F1000NL or FB1000NL			
				Cambridge Brass	Cambridge Brass Model 301NL			
2516	3 (2.3.6)	WP – 18	Protective tape and primer for coating		Primer	Tape	AWWA C209 AWWA C217	
				Denso	Paste	Densyl		
				Polyken	927	932		
				Trenton	Paste	Tec-tape		
				PetroWrap	Primer	LT		
2516	3 (2.3.8)	WP – 19	Tapping Sleeves and Valves	ROBAR	Series 6606			
				ROMAC	SST			
15151	1	WP – 21	Water Meters	SENSUS	SRII iPERL		AWWA C700, AWWA C705, and NSF/ANSI 61 Registers to AWWA C707	The Water Meters shall be supplied with an encoder type register as specified in section 15151.
				Neptune	Neptune T10			

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15151	3	WP – 22	Complementary Metal Oxide Semiconductor (CMOS) with Meter Interface Units	Neptune	Neptune T10		
				Sensus			
15403	1	WP – 23	Hose Connection Vacuum Breakers (HCVB)	Conbraco			
				Watts			
				Zurn/Wilkins			
				Febco			
15403	1	WP – 24	Double Check Valve Assembly (DCVA)	Conbraco			
				Watts			
				Zurn/Wilkins			
				Febco			
15403	2	WP – 25	Reduced Pressure Principle Backflow Assembly (RPPBA)	Conbraco			
				Febco			
				Watts			
				Zurn Wilkins			
2511	5-6 (2.5.1)	WP-26	Internal Lining	Devoe	Bar Rust 233 H	AWWA C210 ANSI/NSF-61	Liquid Epoxy
				To be Determined		AWWA C213 ANSI/NSF-61	Fusion Bonded Epoxy
2511	5-6 (2.5.1)	WP-27	Exterior Coating	Shaw	Yellow Jacket		Pipe sizes 600 mm and smaller

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		WP-27 (Cont'd)	Exterior Coating	Valspar	Pipeclad 2000 Fusion Bonded Epoxy	AWWA C213 or CSA Z245.20	Optional for pipe sizes 600 mm and smaller and for all pipe sizes greater than 600mm. Spot Repairs Only
				Denso	Polyolefin Tape Coating	AWWA C214	
				Denso	Protal 7250 Liquid Epoxy	AWWA C210	
2511	12 (2.13.2)	WP-28	Cadweld	Erico	CS25XF-19		
			Cadweld mould	Erico	CAHBA-1H		
2511	10 (2.10.3)	WP-29	Pumper Connection	Mueller		NFPA 1963, UL 240, FM 1510 or FM 1511	
SEWER SPECIFICATIONS PRODUCTS (SP)							
1325	2 (2.2)	SP - 01	Valves: Gate Valves	Mueller		AWWA C509 AWWA C515	
				Clow			
1325	2 (2.2)	SP - 02	Valves boxes	Titan Foundry			
				Norwood Foundries			
				WD Valve Boxes Ltd.			
1325	2 (2.3)	SP - 03	Combination Sewage Air Valves	APCO	Series 440		
				API	D-020		
				VENT-O-MAT			

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1330	2 (2.2)	SP - 04	Standard Manhole Frame and Cover in All Traffic Areas and easements	Titan Foundry	NF-80	ASTM A48 ASTM A27	Refer to Standard Drawing S-9
				Norwood Foundry	TF-80		
1330	2 (2.2)	SP – 05	Oversized Manhole Frame and Covers	Titan Foundry	TF-40	ASTM A48 ASTM A27	Refer to Standard Drawing S-29
				Norwood Foundry	NF-40		
1330	2 (2.2)	SP – 06	Catch Basin Frame and Cover (rolled curb on low point or continuous grade)	Norwood Foundry	NF-35	ASTM A48 ASTM A27	Refer to Standard Drawings S-14. Residential and collector streets only.
				Titan Foundry	TF-35		
1330	2 (2.2)	SP – 07	Catch Basin Frame and Cover (barrier curb at low point or continuous grade)	Norwood Foundry	NF-36	ASTM A48 ASTM A27	Refer to Standard Drawings S-15. Residential and collector streets only.
				Titan Foundry	TF-36		
1330	2 (2.2)	SP – 08	Catch Basin Frame and Covers (Non-standard)	Norwood Foundry	NF-60	ASTM A48 ASTM A27	Refer to Standard Drawing S-16. <i>Use only on existing catch basins that do not permit listed frames and covers to be installed.</i>
				Titan Foundry	TF-104		
1330	2 (2.2)	SP – 09	Grated Catch Basin Frame and Cover in Easements	Norwood Foundry	NF-80	ASTM A48 ASTM A27	Refer to Standard Drawing S-7.
				Titan Foundry	TF-80		

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1330	2 (2.2)	SP – 10	Catch Basin Frame and Covers on Bus Routes and Arterial Streets	Titan Foundry	TF-103-4	ASTM A48 ASTM A27	Refer to Standard Drawing S-15A
1330	2 (2.2)	SP-11	High Capacity Catch Basin Frame and Cover	Norwood Foundry	NF-51-Side NF-51-Gutter	ASTM A48 ASTM A27	Refer to Standard Drawings S-30A, S30B, S-30C, S30D
				Titan Foundry	K-1		
ROADWAYS SPECIFICATIONS PRODUCTS (RP)							
2170	1 (2.1)	RP - 01	Perforated Drainage Pipe	Armtec	Big 'O'	ASTM F667	To be enclosed in filter fabric
				ADS	Single Wall		
2390	1 (2.1)	RP – 02	Crack Sealant	Crafco Inc.	Roadsaver 522	ASTM D6690	
OPEN SPACE SPECIFICATIONS PRODUCTS (OP) CURRENTLY UNDER REVIEW							