

Niagara Approved Product and Equipment List

DISCLAIMER: Inclusion onto the Approved Product and Equipment List (APEL) does not constitute mandatory use of the product in the Region's contract documents. The approved manufacturer(s) on the APEL must meet the specifications as outlined in Niagara Region's tender or quotation. Products are not necessarily listed in preferential order. Niagara Region reserves the right to list manufacturer(s) for specialized equipment and applications outside the APEL in tender or quotation specifications. All materials used in the alteration or operation of a Niagara Region drinking water system that come into contact with water within the system must meet all applicable standards set by both the American Water Works Association ("AWWA") and the American National Standards Institute ("ANSI") including NSF 61 and NSF 372.

Control and Instrumentation

Equipment Type	Equipment Sub-Type	Water/Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Automatic Sampler		Wastewater	Hach			
Chlorine Residual Analyzer	Continuous Online	Water	Prominent	Metcon	DACb	
Chlorine Residual Analyzer	Continuous Online	Water	Rosemount	Emerson	FCL-56	
Conductivity Level Switches	Solid state	Water/Wastewater	Warrick	Gems Sensors and Controls		
Conductivity Level Switches	Solid state	Water/Wastewater	Omega	Omega		
Dissolved Oxygen Analyzer	Continuous Online	Wastewater	Aysix	Aysix Technologies		
Dissolved Oxygen Analyzer	Continuous Online	Wastewater	Hach			
Fixed Atmospheric Gas Monitoring	Transmitter	Wastewater	MSA	SPD	X5000 series	
Fixed Atmospheric Gas Monitoring	Controller	Wastewater	MSA	SPD	GasGuard Series	
Level Switch	Float	Water/Wastewater	Sulzer			

Equipment Type	Equipment Sub-Type	Water/Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Level Switch	Float	Water/Wastewater	Xylem			
Level Switch	Paddle	Water/Wastewater	Siemens			
Liquid Level Transmitter	Pressure Transmitter	Water/Wastewater	Rosemount	Emerson	3051S	
Liquid Level Transmitter	Pressure Transmitter	Water/Wastewater	ABB	ABB	2600T / 266	
Liquid Level Transmitter	Hydrostatic Pressure Transmitter	Wastewater	PMC	SRP Controls	VL series	Note: Sink weight or Stilling pipe Used in Wastewater applications only where either surface interference can possibly affect non-contact level detection. (i.e. floating debris or steam./mist)
Liquid Level Transmitter	Radar Transmitter	Wastewater (Digester)	Rosemount	Emerson	5400 Series	
Liquid Level Transmitter	Ultrasonic Transmitter	Water/Wastewater	Pulsar	ACI	Ultra 4 or 5	
Liquid Level Transmitter	Ultrasonic Transmitter	Water (Filters only)	Pulsar	ACI	HART dBi	WTP Filters only
Liquid Level Transmitter	Ultrasonic Transmitter	Chemical Tanks	Pulsar	ACI	Ultra 4 or 5	
Liquid Level Transmitter	Ultrasonic Transmitter	Chemical Tanks	PMC	SRP Controls	VL series	
Liquid Level Transmitter	Ultrasonic Transmitter	Water/Wastewater	Siemens	Franklin Empire Inc.	SITRANS LT500 mA HART	
Flow Transmitter	Magmeter	Water/Wastewater	Rosemount	Emerson	8712E & 8750	

Equipment Type	Equipment Sub-Type	Water/Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Flow Transmitter	Magmeter	Water/Wastewater	Krohne	ACI	OptiFlux	
Flow Transmitter	Thermal Mass Transmitter	Gas / Air Flow	Kurz	Kurz	454FTB series	
Flow Transmitter	Coriolis Mass Transmitter	Chemical (Polymer)	Krohne	ACI	Optimass	
Flow Transmitter	Coriolis Mass Transmitter	Chemical (Polymer)	Rosemount	Emerson	F-series	
Flow Transmitter	Ultrasonic (Open Channel Meter)	Water/Wastewater	Pulsar	ACI	Micro Flow	
Flow Transmitter	Ultrasonic (Open Channel Meter)	Water/Wastewater	Siemens	Siemens	LUT	
Flow Transmitter	Pressure Transmitter (dP)	Water	Rosemount	Emerson	SMV	Note: Must have SMV
Flow Transmitter	External Ultrasonic Strap Transmitter	Water/Wastewater	Endress and Hauser		Proline Prosonic	Note: Specific to location. Must have Region approval
pH / ORP Measurement	Continuous Online	Water/Wastewater	Rosemount	Emerson	1056 & 3900 Series	
Pressure Transmitter		Water/Wastewater	ABB	ABB		
Pressure Transmitter		Water/Wastewater	Rosemount	Emerson	2088 series	
Pressure Switch	Solid State	Water/Wastewater	Ashcroft			
Pressure Switch	Solid State	Water/Wastewater	Barksdale			
Pressure Gauges (incl. Diaphragm Seal)	Solid State	Water/Wastewater	WIKA			
Pressure Gauges (incl. Diaphragm Seal)	Solid State	Water/Wastewater	Ashcroft			

Equipment Type	Equipment Sub-Type	Water/Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Temperature Transmitter	RTD (in Head Transmitter)	Water/Wastewater	Omega Series	Omega		
Temperature Transmitter	RTD (Smart Transmitter)	Water/Wastewater	Rosemount	Emerson	644 Series	
Thermostat	Low Temperature	Water/Wastewater	Honeywell			
Total Suspended Solids Analyzer		Wastewater	Valmet	Valmet		
Turbidity Meter	Continuous Online	Water	Hach	Hach	TU5300	
Turbidity Meter	Continuous Online	Water	SWAN Analytical Instruments	WJF Instrumentation Ltd	SWAN AMI Turbiwell LED	
Uninterruptible Power Supply	Continuous Online	Water/Wastewater	APC	Schneider Electric		Minimum UPS capacity to be equal to 150 per cent of system full load.
Uninterruptible Power Supply	Continuous Online	Water/Wastewater	Powerware	Eaton		Minimum UPS capacity to be equal to 150 per cent of system full load.
Uninterruptible Power Supply	Continuous Online	Water/Wastewater	SOLAHD	Emerson		Minimum UPS capacity to be equal to 150 per cent of system full load.
Voltage and Current Transducer	Continuous Online	Water/Wastewater	Phoenix Contact			
Voltage and Current Transducer	Continuous Online	Water/Wastewater	Pribusin			

Process Equipment

Subcategory	Equipment Type	Equipment Sub-Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Aeration	Air Blower	Centrifugal	Wastewater	Hibon	Ingersoll-Rand		
Aeration	Air Blower	Centrifugal	Wastewater	Hoffman & Lamson	Ingersoll-Rand		
Aeration	Air Blower	Positive Displacement	Wastewater	Aerezen			
Aeration	Air Blower	Positive Displacement	Wastewater	Atlas Copco ZS Series	Atlas Copco		
Aeration	Air Blower	Positive Displacement	Wastewater	Hibon	Ingersoll-Rand		
Aeration	Air Blower	Turbo Blower	Water/Wastewater	APG Neuros	APG Neuros		Air Foil Bearing
Aeration	Air Blower	Turbo Blower	Water/Wastewater	TurboWin	Directrik Inc.		Air Foil Bearing
Aeration	Air Blower	Turbo Blower	Water/Wastewater	Sulzer	Sulzer	HST™ Turbocompressor	Magnetic Bearings
Aeration	Fine Bubble Aeration System		Wastewater	Aquarius			
Aeration	Fine Bubble Aeration System		Wastewater	OTT			
Aeration	Fine Bubble Aeration System		Wastewater	Sanitaire	Xylem		
Aeration	Fine Bubble Aeration System		Wastewater	Tideflex	Syntec Process Equipment	Tideflex Bubble Aeration	
Aeration	Fine Bubble Aeration System		Wastewater	SSI Aeration	Stamford Scientific International		
Clarifier	Collector Chain	Non-Metallic	Wastewater	Envirex/Viking	Evoqua		
Clarifier	Collector Chain	Non-Metallic	Wastewater	Polychem	Brentwood		

Subcategory	Equipment Type	Equipment Sub-Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Clarifier	Collector Chain	Non-Metallic	Wastewater	Banyan	Brentwood		
Clarifier	Sludge and Scum Removal Equipment		Wastewater	Envirex	Evoqua		
Clarifier	Sludge and Scum Removal Equipment		Wastewater	Fujiwara Monorail System	Directrik		
Clarifier	Sludge and Scum Removal Equipment		Wastewater	WesTech		COP WW Clarifier	
Clarifier	Sludge and Scum Removal Equipment		Wastewater	Ovivo	Ovivo	C3(Diagonal Plow) C4D (Spiral Blade) C3D (Suction Header) C3S (Suction Pipe)	
Dewatering	Sludge Dewatering/ Thickening	Gravity Belt Thickener	Wastewater	Andritz Separation			
Dewatering	Sludge Dewatering/ Thickening	Gravity Belt Thickener	Wastewater	Alfa-Laval			
Dewatering	Sludge Dewatering/ Thickening	Gravity Belt Thickener	Wastewater	Phoenix Process Equipment		Belt Filter Press Models LC,MC, WX-E/G/H, WXG-W, WXH-W	
Dewatering	Sludge Dewatering/ Thickening	Belt Filter Press	Wastewater	Charter Machine Company			
Dewatering	Sludge Dewatering/ Thickening	Centrifuge	Water / Wastewater	Andritz Separation			
Digester	Digester Cover		Wastewater	OTI			

Subcategory	Equipment Type	Equipment Sub-Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Digester	Digester Cover		Wastewater	Westech			
Digester	Digester Waste Gas Burner	Enclosed Gas Burner	Wastewater	Varec	Westech		
Digester	Digester Waste Gas Burner	Enclosed Gas Burner	Wastewater	Shand and Jurs	Vector Process Equipment	97311T Enclosed Burner with Touch Screen Control Pad	Digester
Digester	Heat Exchanger	Rectangle	Wastewater	DDI	Directrik		
Digester	Heat Exchanger	Tube-in-tube	Wastewater	Claro			
Digester	Heat Exchanger	Tube-in-tube	Wastewater	Napier Reid			
Digester	Boilers	Dual Gas System	Wastewater	Cleaver-Brook			
Digester	Boilers	Dual Gas System	Wastewater	Boiler Smith			
Digester	Boilers	Dual Gas Condensing System	Wastewater	Riello RTC Condensing Boiler	Albino Moose Sales and Marketing Inc.		
Headworks	Screenings	Multi Rake	Wastewater	Duperon			
Headworks	Screenings	Multi Rake	Wastewater	Headworks		Mahr Bar Screen	
Headworks	Screenings	Multi Rake	Wastewater	Huber Technology Inc.		Rake Max-Multi Rake	
Headworks	Screenings	Step	Wastewater	Claro Environmental	Claro Environmental	Claro Fine Step Screen	
Headworks	Screenings Dewatering	Spiral Wash Press	Wastewater	JWC Environmental	JWC Environmental	Monster Wash Press MWP3018 & SWM3018	
Headworks	Screenings Dewatering	Spiral Wash Press	Wastewater	Vulcan	Aquafy Water Technologies	Model EWP	
Headworks	Screenings Dewatering	Spiral Wash Press	Wastewater	Arlat Technology			
Headworks	Grinder/Comminutor		Wastewater	Franklin Miller			

Subcategory	Equipment Type	Equipment Sub-Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Headworks	Grinder/Comminutor		Wastewater	Netzsch Macerator Grinder	Syntec Process Equipment		
Headworks	Grinder/Comminutor		Wastewater	JWC Environmental		Muffin Monster	
Headworks	Grinder/Comminutor		Wastewater	Moyno		For light duty applications	
Headworks	Grinder/Comminutor		Wastewater	Vogelsang	Directrik		
Headworks	Grit Collection Systems	Shaftless Screw	Wastewater	Arlat Technology			
Headworks	Grit Collection Systems	Shaftless Screw	Wastewater	MLM Conveying Systems	MLM Conveying Systems		
Headworks	Grit Collection Systems	Shaftless Screw	Wastewater	Atara Equipment Ltd			
Headworks	Grit Collection Systems		Wastewater	Mabarec		Vistex Grit Removal Classifier	
Headworks	Grit Collection Systems		Wastewater	Metcan	Veolia	MectanV	
Headworks	Grit Collection Systems		Wastewater	WEMCO	Weir		
Headworks	Grit Collection Systems		Wastewater	WTP Equipment Corp.		Vortex Grit Removal System	
Headworks	Grit Collection Systems		Wastewater	Grit Cleanse	Hydro International		
Headworks	Grit Collection Systems		Wastewater	TeaCup / Grit Snail	Hydro International		
Headworks	Grit Collection Systems		Wastewater	Grit King	Hydro International	Hydro International	

Electric

Equipment Type	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Control Relay	GE Multilin Relays			
Electric Motor	Baldor			**For All Electric Motor applications** Service Factor: 1.15 1. Frame and Bracket: Cast Iron 2. Enclosure >40°C Ambient <90°C, ODP >40°C Ambient <80°C, TEFC 4. Electric motor used for VFD application must be inverter rated 5. Guaranteed minimum full load efficiency. Typical efficiency values are now in the range of 92-95% depending on model selected. 6. The motor is to meet or exceed the following % Guarantee Minimum Full Load Power Factor: 88.3 7. Inverter duty motor rating. Motor meeting all applicable requirements of NEMA MG 1, Section IV, Parts 30 and 31 8. 75 kW and larger to be suitable for solid state reduced voltage starting
Electric Motor	TECO Westinghouse Motors			** Restrictions see note above**
Electric Motor	Toshiba			** Restrictions see note above**
Electric Motor	WEG	V. J. Pamensky Canada Ltd	Single Phase and Three Phase	** Restrictions see note above**
Electric Motor	U.S. Motors	Nidec Motor Corp.		** Restrictions see note above**
Motor Control Centre	Allen-Bradley	Rockwell Automation		All analog signals to be split out in a separate area of the panel. Arc Resistant per IEEE C37.20.7 Low voltage MCC IP20 Finger Safe

Equipment Type	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Motor Control Centre	Eaton	Eaton	Freedom 2100	All analog signals to be split out in a separate area of the panel. Arc Resistant per IEEE C37.20.7 Low voltage MCC IP20 Finger Safe
Motor Control Centre	Siemens	Gerrie Electric		All analog signals to be split out in a separate area of the panel. Arc Resistant per IEEE C37.20.7 Low voltage MCC IP20 Finger Safe
Motor Control Centre	Square D	Schneider Electric		All analog signals to be split out in a separate area of the panel. Arc Resistant per IEEE C37.20.7 Low voltage MCC IP20 Finger Safe
Motor Control Centre	ABB	ABB	Evolution 6000	All analog signals to be split out in a separate area of the panel. Arc Resistant per IEEE C37.20.7 Low voltage MCC IP20 Finger Safe
Soft Start/Soft Stop Controls	Allen-Bradley	Rockwell Automation		
Soft Start/Soft Stop Controls	Benshaw			
Soft Start/Soft Stop Controls	Eaton	Eaton		
Surge Protection Device	Total Protection Solution Canada	Innosys Power		
Surge Protection Device	Eaton	Eaton		
Variable Frequency Drives	ABB			VFDs greater than or equal to 25HP must be equipped with communication Ethernet/IP (preferred) or Modbus/TCP (acceptable) protocols
Variable Frequency Drives	Allen-Bradley	Rockwell Automation		** Restrictions see note above**
Variable Frequency Drives	Danfoss			** Restrictions see note above**

Emergency Standby Power

Equipment Type	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Automatic Transfer Switch	ASCO	Emerson		
Automatic Transfer Switch	Thomson Power Systems			
Automatic Transfer Switch	Eaton Industries Canada	Eaton		
Engine/Generator	Caterpillar			
Engine/Generator	Cummins			
Engine/Generator	Generac	Total Power Ltd		
Engine/Generator	Sommers Generator Systems	Sommers Generator Systems		
Switchgear	ABB			
Switchgear	Eaton	Eaton		
Switchgear	S&C Electric Canada Ltd.			
Switchgear	Square D	Schneider Electric		

Pumps

Subcategory	Equipment Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Displacement Rotary Pumps	Electronically Actuated Diaphragm	Water/Wastewater	Grundfos			Reciprocating, for chemical metering
Displacement Rotary Pumps	Electronically Actuated Diaphragm	Water/Wastewater	Prominent			Reciprocating, for chemical metering
Displacement Rotary Pumps	Multiple Rotor	Wastewater	Netzsch – Tornado Rotary Lobe Pump	Syntec Process Equipment	T2	
Displacement Rotary Pumps	Multiple Rotor	Wastewater	Vogelsang	Directrik		Lobe
Displacement Rotary Pumps	Multiple Rotor	Wastewater	LobePro Rotary Pumps	LobePro Rotary Pumps		Lobe
Displacement Rotary Pumps	Progressive Cavity	Wastewater	Moyno			Screw
Displacement Rotary Pumps	Progressive Cavity	Wastewater	Seepex			Screw
Displacement Rotary Pumps	Progressive Cavity	Water/Wastewater	Netzsch – Nemo	Syntec Process Equipment		
Displacement Rotary Pumps	Progressive Cavity	Water/Wastewater	Watson Marlow	Bisan Inc.		
Dynamic Centrifugal Pumps	Chopper	Wastewater	Hayward Gordon		CHOPX Chopper Pump	
Dynamic Centrifugal Pumps	Chopper	Wastewater	Vaughan			

Subcategory	Equipment Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Dynamic Centrifugal Pumps	Chopper	Wastewater	WSP	Weir		
Dynamic Centrifugal Pumps	Modified Radial Flow: Vertical Turbine	Wastewater	Byron Jackson	Flowserve		
Dynamic Centrifugal Pumps	Modified Radial Flow: Vertical Turbine	Water/Wastewater	Sulzer			
Dynamic Centrifugal Pumps	Modified Radial Flow: Vertical Turbine	Water	Goulds (Xylem brand)	Interpump Supply Limited		
Dynamic Centrifugal Pumps	Modified Radial Flow: Vertical Turbine	Water	Peerless	Grundfos		
Dynamic Centrifugal Pumps	Modified Radial Flow: Vertical Turbine	Water	Ruhrpumpen			
Dynamic Centrifugal Pumps	Modified Radial Flow: Vertical Turbine	Water	Worthington	Flowserve		
Dynamic Centrifugal Pumps	Radial Flow, Mixed Flow and Standard Centrifugal	Wastewater	Gorman Rupp			
Dynamic Centrifugal Pumps	Radial Flow, Mixed Flow and Standard Centrifugal	Wastewater	Grundfos			

Subcategory	Equipment Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Dynamic Centrifugal Pumps	Radial Flow, Mixed Flow and Standard Centrifugal	Wastewater	Hayward Gordon		Torus Recessed Impeller Vortex Pump	
Dynamic Centrifugal Pumps	Radial Flow, Mixed Flow and Standard Centrifugal	Water	Ruhrpumpen		Horizontal Split Case Pump	
Dynamic Centrifugal Pumps	Radial Flow, Mixed Flow and Standard Centrifugal	Water	Xylem	Interpump Supply Ltd	Horizontal Split Case Pump	
Dynamic Centrifugal Pumps	Screw	Wastewater	Hayward Gordon		XCS	
Dynamic Centrifugal Pumps	Screw	Wastewater	Hidrostal	Directrik		
Dynamic Centrifugal Pumps	Screw	Wastewater	WEMCO	Trillium Flow Technologies		
Dynamic Centrifugal Pumps	Submersible Pump	Water	Hidrosta			
Dynamic Centrifugal Pumps	Submersible Pump	Water/Wastewater	Grundfos			For dry and wet pit
Dynamic Centrifugal Pumps	Submersible Pump	Water/Wastewater	Sulzer			For dry and wet pit
Dynamic Centrifugal Pumps	Submersible Pump	Water/Wastewater	Xylem			For dry and wet pit

Valves

Subcategory	Equipment Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Check Valves	Duck Bill / Inline	Water/Wastewater	EVR	Devine and Associates Limited		
Check Valves	Duck Bill / Inline	Water/Wastewater	WaPro	Devine and Associates Limited	Inline WaStop DN300 Check Valve	
Check Valves	Duck Bill / Inline	Water/Wastewater	Tideflex	Red Valve		
Check Valves	Duck Bill / Inline	Water/Wastewater	Tideflex Technologies	Syntec Process Equipment	Tideflex Checkmate Inline	
Check Valves	Flexible Disc	Wastewater	Crispin		Rubber Flapper	
Check Valves	Flexible Disc	Water/Wastewater	Pratt	Devine and Associates Limited	RD Series	
Check Valves	Flexible Disc	Water/Wastewater	Val-Matic		Swing Flex Check Valve	
Check Valves	Flexible Disc	Water/Wastewater	Bray/Rite	Devine and Associates Limited		
Check Valves	Tilting Disc	Water	Pratt	Devine and Associates Limited		
Check Valves	Tilting Disc	Water	APCO			
Check Valves	Tilting Disc	Water	GA Industries			
Check Valves	Tilting Disc	Water	Val-Matic			
Isolation Valves	Ball	Water/Wastewater	Ipex			PVC
Isolation Valves	Ball	Water/Wastewater	Asahi/America			PVC

Subcategory	Equipment Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Isolation Valves	Butterfly AWWA	Water/Wastewater	Clow		seat-on-disc style	Replaceable/Adjustable seat required for valves greater than or equal to 600mm.
Isolation Valves	Butterfly AWWA	Water/Wastewater	Dezurik			
Isolation Valves	Butterfly AWWA	Water/Wastewater	Pratt	Devine and Associates Limited	seat-on-body style	
Isolation Valves	Butterfly AWWA	Water/Wastewater	Val-Matic	Syntec Process Equipment	seat-on-disc style	
Isolation Valves	Butterfly Valves Aeration	Water/Wastewater	Bray	Devine and Associates Ltd		
Isolation Valves	Butterfly Valves Aeration	Water/Wastewater	Dezurik			
Isolation Valves	Butterfly Valves Aeration	Water/Wastewater	At Controls			
Isolation Valves	Butterfly Valves Aeration	Water/Wastewater	Sure Seal			
Isolation Valves	Gate	Water	AVK			6" and larger
Isolation Valves	Gate	Water	Clow			6" and larger
Isolation Valves	Gate	Water	J&S			6" and larger
Isolation Valves	Gate	Water	Mueller			6" and larger
Isolation Valves	Globe	Water/Wastewater	Jenkins	Crane Co.	≤75mm Fig. 106A ≤75mm Fig. 108A (Angle) ≥75mm Fig. 142 (Angle)	

Subcategory	Equipment Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Isolation Valves	Knife Gate	Wastewater	Dezurik		Styles KGC-BD & KGN- RSB	
Isolation Valves	Knife Gate	Wastewater	Orbinox			
Isolation Valves	Knife Gate	Wastewater	Stafsjo		MV-A	
Isolation Valves	Knife Gate	Wastewater	Trueline			
Isolation Valves	Plug	Wastewater	Dezurik			
Isolation Valves	Plug	Wastewater	Homestead		Eccentric Plug Valve	
Isolation Valves	Plug	Wastewater	Milliken	Pratt		
Isolation Valves	Plug	Wastewater	Val-Matic			
Isolation Valves	Sluice/Slide Gate	Wastewater	B.N.W			
Isolation Valves	Sluice/Slide Gate	Water/Wastewater	Fontaine Aquanox		Series S	
Isolation Valves	Sluice/Slide Gate	Water/Wastewater	Orbinox	Devine and Associates Limited	MU, CC, RB, AG, SL, RC,RR	
Miscellaneous Valves	Air	Water/Wastewater	A.R.I.			
Miscellaneous Valves	Air	Water/Wastewater	Cla-Val	Devine and Associates Limited		
Miscellaneous Valves	Air	Water/Wastewater	Val-Matic	Syntec Process Equipment		
Miscellaneous Valves	Air	Water	H-Tec	Syntec Process Equipment	Model 992 HaVent Auto Air Valve Set	
Miscellaneous Valves	Air	Water/Wastewater	Vent-Tech Air Valves	Devine and Associates Limited	SWG-145 psi Series C WTW-363 psi Series C	

Subcategory	Equipment Type	Water / Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Miscellaneous Valves	Hydraulic Control Valves	Water	Cla-Val			
Miscellaneous Valves	Hydraulic Control Valves	Water	Singer			
Miscellaneous Valves	Backflow Preventer	Wastewater	Watts			
Miscellaneous Valves	Electric Valve Actuator	Water/Wastewater	Auma			
Miscellaneous Valves	Electric Valve Actuator	Water/Wastewater	Limatorque	Flowserve		
Miscellaneous Valves	Electric Valve Actuator	Water/Wastewater	Rotork	Devine & Associates		
Miscellaneous Valves	Electric Valve Actuator	Water/Wastewater	Harold Beck & Sons	Provan Controls		
Miscellaneous Valves	Inflow Preventer	Water	Val-Matic	Syntec Process Equipment	Floodsafe	
Miscellaneous Valves	Relief	Water	Cla-Val			Distribution
Miscellaneous Valves	Relief	Water	Singer	Syntec Process Equipment		Distribution
Miscellaneous Valves	Relief	Water/Wastewater	Singer			
Miscellaneous Valves	Chemical System Dosing	Water	Meunier Technologies	Vissers Sales Corp	DICE Dosing Module	

Ventilation / Heating Equipment

Equipment Type	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Air Conditioning/Heating	Carrier	United Technologies		
Air Conditioning/Heating	Trane	Igersoll Rand		
Air Conditioning/Heating	Engineered Air		FW / DJ	
Air Vents (Recirculation System)	Armstrong			
Air Vents (Recirculation System)	Spirax-Sarco			
Custom Air Handling and Energy Recovery Ventilators	Engineered Air			
Custom Air Handling and Energy Recovery Ventilators	Haakon			
Motorized Damper Actuator	Belimo			
Motorized Damper Actuator	Honeywell			cUL (CSA 22.2) CSA Class 4813 certified

Miscellaneous Equipment

Equipment Type	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Hatch Covers	Bilco			
Hatch Covers	EJ			
Hatch Covers	MSU Mississauga Limited			

Crane and Hoist

Equipment Type	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Trolleys, Hoist, Chain, and Controls		Columbus McKinnon		
Trolleys, Hoist, Chain, and Controls		Demag		
Trolleys, Hoist, Chain, and Controls		Richards-Wilcox		
Trolleys, Hoist, Chain, and Controls		Zelus	Steelway Material Handling	

Multi-Analytic Probe

Equipment Type	Equipment Sub-Type	Water/Wastewater	Brand Name	Owner / Supplier Name	Model	Code, Criteria and Restrictions
Multi-analytic probe	COD/VFA Measurement	Wastewater	Sentry	Aquafy Water Technologies	SP2-03	