

# CANADIAN PRECAST CONCRETE QUALITY ASSURANCE (CPCQA) CERTIFICATION PROGRAM

## SCHEDULE A

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THIS SCHEDULE lists the precast concrete products of

***Forterra Building Products***  
***R.R. #2***  
***2099 Roseville Road***  
***Cambridge, Ontario***  
***N1R 5S3***

That have been found to comply with the **Canadian Precast Concrete Quality Assurance (CPCQA) Certification Program, (Ver.1.2, October 2019)** with respect to the precast concrete products on the subsequent pages of this schedule.

This plant and manufactured products are subject to periodic inspection and testing by the Accredited Certification Organization, (ACO) of the CPCQA Program. Failure on the part of **Forterra Building Products** to maintain the required quality control or comply with all prequalification requirements or failure of the product manufactured at the said plant to comply with the standard specifications may, at the discretion of the CPCQA Quality Assurance Council, (QAC) result in revision of this plant's Program compliance with respect to any or all precast products listed in this schedule.

The CPCQA does not represent that all product of the type referred to herein made by the Certificate Holder will meet the required standards, only that the Certificate Holder can make compliant product. It is the responsibility of the Contractors or others who acquire product made by the Certificate Holder to ensure that such product meets requirements satisfactory for its use.

Except as provided for above, this Schedule is valid to **January 31, 2022** for the following products:

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<b>CIRCULAR PIPE</b>	<b>Joint</b>	<b>Standard or Specification</b>
<b>300 to 2100 and 2400 and 3000 mm</b>	<b>Single Offset Self-Lubricating Gasket</b>	<b>CSA A257.2 Classes 65-D, 100-D, 140-D</b>
<b>2250, 2550 &amp; 2700 mm</b>	<b>Confined “O” Ring Gasket</b>	<b>CSA A257.2 (Reinforced) Classes 65-D, 100-D, 140-D</b>
<b>3600 mm</b>	<b>Wedge Gasket</b>	<b>CSA A257.2 (Reinforced) Classes 65-D, 100-D, 140-D</b>

All related products, fittings, bends, reducers, increasers, plugs, caps, and radius pipe.

<b>MICROTUNNELING PIPE</b>	<b>Joint</b>	<b>Standard or Specification</b>
<b>750 &amp; 900 mm Microtunneling</b>	<b>Wedge Gasket</b>	<b>CSA A257.2 (Reinforced) Class 140-D</b>
<b>1050 mm Microtunneling</b>	<b>Wedge Gasket</b>	<b>CSA A257.2 (Reinforced) Class 100-D</b>
<b>1200 and 1350 mm Microtunneling</b>	<b>Wedge Gasket</b>	<b>CSA A257.2 (Reinforced) Class 140-D AWWA C302</b>
<b>1800 mm Microtunneling</b>	<b>Wedge Gasket</b>	<b>CSA A257.2 (Reinforced) Classes 100-D, 140-D</b>
<b>2100 mm Microtunneling</b>	<b>Wedge Gasket</b>	<b>CSA A257.2 (Reinforced) Class 140-D</b>

All related products, fittings, plugs and caps.

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<u>ELLIPTICAL PIPE</u>	<u>Joint</u>	<u>Standard or Specification</u>
730 x 1150 to 2195 x 3455 mm Horizontal and Vertical Elliptical Pipe	No Gaskets	ASTM C507M Classes HEI, HEII, HEIII, HEIV

All related products: fittings, bends, reducers, increasers, plugs, caps, and radius pipe.

<u>ELLIPTICAL PIPE</u>	<u>Joint</u>	<u>Standard or Specification</u>
730 x 1150 to 1465 x 2305 mm Horizontal and Vertical Elliptical Pipe	Single Offset Self Lubricating Gasket	ASTM C507M Classes HEI, HEII, HEIII, HEIV

All related products: fittings, bends, reducers, increasers, plugs, caps, and radius pipe.

<u>CIRCULAR MANHOLES</u>	<u>Joint</u>	<u>Standard or Specification</u>
1200 to 3000 mm	Single Offset Self-Lubricating Gasket	CSA A257.4
3600 mm	Wedge Gasket	CSA A257.4
1500 & 1800-mm Mono Top and Mono-base with Extended Base Slab		CSA A257.4

All related products: base slabs, flat caps, transitions, risers, monolithic bases, tapered tops, drop connections, pre-benching and grade rings

<u>CATCH BASINS</u>	<u>Standard or Specification</u>
600 x 600 mm (115 mm wall) Single Catch Basin 600 x 600 mm (150 mm wall) Single Catch Basin 840 x 600 mm (115 mm wall) Curb Inlet 1450 x 600 mm Double Catch Basin 600 x 600 mm (150 mm wall) Ditch Inlet 1200 x 600 mm (150 mm wall) Ditch Inlet	CSA A257.4

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<b>CONCRETE BOX CULVERT</b>	<b>Standard or Specification</b>
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<b>1800 x 900 mm to 3000 x 2400 mm</b>	<b>OPSS 1821</b>
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**All related products: fittings, bends, reducers, increasers, plugs, caps, and radius boxes.**

<b>CONCRETE END WALLS AND HEAD WALLS</b>	<b>Standard or Specification</b>
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<b>300 to 900 mm Headwall</b>	<b>OPSD 804.030 modified</b>
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<b>300 to 825 mm End wall</b>	<b>OPSD 804.030 modified</b>
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<b>STRUCTURAL PRECAST CONCRETE PRODUCTS</b>	<b>Standard or Specification</b>
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<b>Precast Concrete Drainage Products</b>	<b>CSA A23.4 Group D, Category D1</b>
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Ver.2-2022