

New Product Inclusion

Water and Sewer Construction Standard Specifications

RE: Portland Limestone Cement (PLC)

Effective January 1, 2023, The City of Calgary will allow CSA A3000 Types GUL and HSL cement to be used as cement type alternatives for Types GU and HS in underground water and sewer utility construction. The allowance will be granted for:

- All precast structures
- Bulk concrete delivered in ready-mix trucks for cast-in-place concrete structures
- Miscellaneous concrete pours on site including, but not limited to, thrust blocks, benching, and manhole collars

The performance of GUL and HSL cements in concrete products will be monitored to ensure mix designs continue to maintain their expected long-term characteristics and compliance to the strength, durability and sulfate resistance requirements.

The built environment relies heavily on concrete made from Portland Cement. By using Portland Limestone Cement, which contains up to 15% limestone, concrete's embodied carbon can be significantly reduced.

The City of Calgary supports the transition to a lower-carbon economy through the adoption of products and services that address carbon reduction and broader environmental benefits.

For more information, please contact:

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