



OBC 2024 - New requirements for installation and inspection of anchors

Moderator(s): Connor McEachen

DATE: Tuesday, October 1st, 2024 TIME: 10:30 am

LOCATION: Salon D,D1

GUEST SPEAKERS: Ali Ahrabi - Hilti Canada

DESCRIPTION: The 2020 edition of the National Building Code of Canada (NBCC 2020), issued in the spring of 2022, references the 2019 version of CSA A23.3 for concrete structure design. The newly mandatory Annex D of CSA A23.3 outlines requirements for the design, installation, and special inspection of anchors embedded in concrete.

This session aims to clarify the implications of Annex D (anchorage) becoming mandatory in CSA A23.3-19, focusing specifically on the installation and special inspection requirements for anchors in provinces that adopt NBCC 2020.

The specific code language in the new NBCC 2020 and CSA A23.3-19 will be reviewed in detail in plain language.

BIOGRAPHY: Ali Ahrabi, P.Eng.

Ali Ahrabi graduated with a Bachelor's in Civil Engineering in 2006 and obtained his Master of Science in Civil Engineering from Concordia University in 2012. He has been a Professional Engineer (P.Eng) since 2013 with experience in a variety of engineering settings. Ali currently serves as the Manager of Codes and Approvals at Hilti Canada. Ali contributes to the development of fastening-related provisions within NBCC and CSA with heavy emphasis on anchors, including contributions to CSA technical committees A23.3, S6, S16, and S304