

Midwest Engineering Breakout Room

10:05 AM - 10:55 AM

MCAC Change Order Guide

MCAC Change Order Protocol will protect trade contractors from risks associated with managing the change process. Providing a fair and reasonable process for the costing and pricing of changes for all industry project stakeholders. Changes to the scope of the project are inevitable. The scale and number of changes significantly impacts productivity, costs and profitability. If handled improperly changes lead to disputes or litigation. Protect yourself by adopting the MCAC Change Order Protocol in your next contract.



Geza Banfai
McMillan LLP

About Geza Banfai

Geza R. Banfai, Counsel at McMillan LLP, specializes in infrastructure-construction law and mediation. He received the 2016 Award of Excellence in Construction and Infrastructure Law from the Ontario Bar Association and was named the 2017 Toronto Construction Law Lawyer of the Year by Best Lawyers in Canada. A Fellow of the Canadian College of Construction Lawyers, he is recognized in various publications such as Chambers Global, Leading 500 Lawyers in Canada, Best Lawyers in Canada, International Who's Who of Professionals, Who's Who Legal, Canada, and International Who's Who of Public Procurement Lawyers. In his extensive construction law practice, he handles negotiations, drafts contracts (including alliancing, joint ventures, and P3 arrangements), and manages claims and disputes across all construction levels. Formerly on the boards of the Canadian Construction Association, Consulting Engineers of Ontario, and Toronto Construction Association, he is actively involved in construction law and ADR sections of professional associations. Serving on the Canadian Construction Documents Committee, he chaired the CCDC 30 standard form Canadian IPD contract creation and contributed to the Advisory Group finalizing the new Construction Act for the Ontario Ministry of the Attorney General.

11:05 AM - 11:55 AM

Safety Leadership - Driving Business Excellence and Return on Investment

Safety is not just a checklist; it's an integral part of organizational culture. Businesses of excellence prioritize safety to enhance overall performance, creating a positive workplace culture. Investing in worker safety yields substantial returns, fostering financial stability and attracting top talent. Beyond compliance, it builds trust and commitment, motivating employees to dedicate their best efforts to organizational goals. This trust extends to stakeholders, reinforcing confidence in your projects and brand.



Theo Heineman
1Life Workplace
Safety Solutions

About Theo Heineman

Theo, raised on a farm without brothers, began custom combining solo at 16. Acquiring her grandfather's farm at 22 instilled a profound understanding of entrepreneurial risks, shaping her values and work ethic. With over 20 years in Occupational Safety and Health, coupled with rural ambulance volunteering for a decade, Theo is dedicated to preventing injuries and illnesses. Her life mission revolves around helping leaders enhance organizational performance by optimizing health and safety. Recognized internationally, Theo is an expert in business, entrepreneurship, and Safety Management Systems, offering training and speaking engagements across Canada, the USA, and the UK. Trained by neuroscientist Dr. Joe Dispenza, she's also a Certified NeuroChangeSolutions Consultant and proficient in heart coherence by the HeartMath Institute.

Midwest Engineering Breakout Room

1:35PM - 2:25 PM

Managing Supplementary Clauses

Reviewing the importance of reading contracts and identifying supplementary clauses downloading risk to trade contractors.

About Geza Banfai

Geza R. Banfai, Counsel at McMillan LLP, specializes in infrastructure-construction law and mediation. He received the 2016 Award of Excellence in Construction and Infrastructure Law from the Ontario Bar Association and was named the 2017 Toronto Construction Law Lawyer of the Year by Best Lawyers in Canada. A Fellow of the Canadian College of Construction Lawyers, he is recognized in various publications such as Chambers Global, Leading 500 Lawyers in Canada, Best Lawyers in Canada, International Who's Who of Professionals, Who's Who Legal, Canada, and International Who's Who of Public Procurement Lawyers. In his extensive construction law practice, he handles negotiations, drafts contracts (including alliancing, joint ventures, and P3 arrangements), and manages claims and disputes across all construction levels. Formerly on the boards of the Canadian Construction Association, Consulting Engineers of Ontario, and Toronto Construction Association, he is actively involved in construction law and ADR sections of professional associations. Serving on the Canadian Construction Documents Committee, he chaired the CCDC 30 standard form Canadian IPD contract creation and contributed to the Advisory Group finalizing the new Construction Act for the Ontario Ministry of the Attorney General.



Geza Banfai
McMillan LLP

2:35PM - 3:25 PM

Piping Design for Ground Source Heat Pumps

This presentation will cover: How to make a geothermal heat pump system more cost-effective
How to ensure the system will continue operating efficiently for the life of the building
The importance of ongoing monitoring of the ground heat exchanger performance
Examples of small commercial geothermal system projects in Manitoba and similar climates

Ed Lohrenz

Ed has worked in the ground source heat pump (GSHP) industry since the early 1980s, gaining expertise in designing and installing systems through trial and error. He developed and teaches the Certified GeoExchange Design (CGD) course for the International Ground Source Heat Pump Association (IGSHPA), accredited by the Association of Energy Engineers (AEE). Ed's GSHP projects include the IKEA Store in Centennial, CO, which integrates an ice storage system to reduce peak electrical demand; a district geothermal heat pump system for the Hopkins Correctional Centre in Ararat, Australia; the ground heat exchanger design for the Obama Presidential Library in Chicago, IL; and projects like the Steinbach Credit Union Building and the Fort Whyte Alive new visitor center. In 2013, Ed founded GEOptimize Inc, specializing in designing and implementing commercial and district geothermal heat pump systems globally.



Ed Lohrenz
GEOptimize