

CURRICULUM VITAE

GILLES COUTURE, P.ENG.

Gilles Couture is Director, Field Testing and Evaluations at CLEB building science. He works as a building envelope consultant in support of building owners, manufacturers, building managers, contractors and government agencies. Gilles has built an expertise in in-situ evaluation of building envelope components, particularly relating to fenestration components.

EDUCATION

Bachelor's Degree in Construction Engineering (2000)

École de technologie supérieure (UQAM), Montreal, Quebec

College Degree in Engineering Technology (1995)

Collège de Sherbrooke, Sherbrooke, Quebec

PROFESSIONAL AFFILIATIONS

Quebec Order of Engineers (OIQ)

Quebec Building Envelope Council (QBEC)

American Standards of Testing and Materials (ASTM)

EXPERIENCE

2000 - PRESENT CLEB BUILDING SCIENCE

Director, Field Testing and Evaluations

Gilles Couture supervises and participates to the following specialised services:

Quebec Order of Engineers (OIQ)

Quebec Building Envelope Council (QBEC)

American Standards of Testing and Materials (ASTM)

- Planning and coordination of in-situ tests for windows elements, curtain walls and various wall systems in compliance with applicable standards and procedures;
- Development of equipment and techniques for in-situ testing;
- Installation and maintenance of data acquisition systems to evaluate the resistance to in-situ condensation through collection, analysis and interpretation of the collected data;
- Evaluation of building envelope components:
 - Condensation risk analysis of existing sealed units;
 - Tempered glass analysis.



1999 – 2000

Vitrierie J.L. Inc.

As Project Manager, Gilles was in charge of the following tasks:

- Project management, coordination of the production and installation of fenestration elements and curtain walls.

ADDITIONNAL TECHNICAL EDUCATION

2008

INFRARED TRAINING CENTER

Level 1 certified Thermographer

2005

«POMPAGE, VENTILATEURS ET SYSTÈMES DE COMPRESSEUR» (FREE TRANSLATION: «PUMPING, VENTILATOR AND COMPRESSOR SYSTEMS») MEC3210 COURSE

École Polytechnique de Montréal (UdeM)

2005

«CONTRAINTES ET COMPORTEMENTS DES MATÉRIAUX» (FREE TRANSLATION: STRESS AND BEHAVIOR OF MATERIALS ») SB210 COURSE

École Polytechnique de Montréal (UdeM)

2005

«ENVELOPPE DU BÂTIMENT» (FREE TRANSLATION: THE BUILDING ENVELOPE) SB220 COURSE

École Polytechnique de Montréal (UdeM)

PRESENTATIONS

2015 - present

OIQ - «La performance de l'enveloppe du bâtiment» (Free translation: «Performance of the Building Envelope»)

– Training ran in the Quebec Order of Architects (OAQ) training program.

2012 - present

«L'enveloppe du bâtiment en tant que système» (Free translation: «The Building Envelope as a System»)

– Lecture within the course CTN-731 *Envelope* from the Construction Engineering Program of the École de technologie supérieure (UQAM) in Montreal.