



CURRICULUM VITAE

PATRICK MASSON, T.P., LEED AP/CB+D THERMOGRAPHER LEVEL 2

Patrick Masson is a senior Technologist serving as a consultant in the building envelope field with more than twenty-eight years of experience. He is the Director of the Technical Assessments Division at CLEB, a private firm of engineers, architects and other specialists providing consulting services specialized in building science, and whose offices are located in Montreal, Quebec City, Ottawa, Truro and New York.

He is an active member of the OTPQ (Quebec Professional Technologists Order) since 2012. Patrick has been on the technical committee of the Quebec Masonry Institute (IMQ) since 1998, and is serving as its chairman since 2010. His main fields of expertise lie in the evaluation of building envelopes, and investigating building envelope problems related to water infiltration, condensation and deterioration of the various components of wall assemblies. He has developed over the years a thorough knowledge of the technical design needs for the building envelope and a proper installation of its various components.

EDUCATION

College Degree in Architectural Technology (1989)

Cégep du Vieux-Montréal, Montreal, Quebec

Thermographer Level 1 (2013)

Infrared Training Center (ITC)

Thermographer Level 2 (2014)

Infrared Training Center (ITC)

LEED Certification (2008)

LEED is a certification for green and healthy buildings

CB + D (32 hours on 2 years) (2010)

Specialty: Design and Building Construction

PROFESSIONAL AFFILIATIONS

Quebec Professional Technologists Order (OTPQ)

Quebec Envelope Building Council (CEBQ)

Canada Green Building Council (CaGBC)

EXPERIENCE

2012 – PRESENT CLEB BUILDING SCIENCE

Director, Technical Assessments

Patrick provides services as a building envelope expert (building envelope, roof systems, material properties, durability and compatibility of materials and systems).

2017



As such, his professional services are retained by building managers, professionals, entrepreneurs.

1996 – 2012

GIRARD CÔTÉ BÉRUBÉ DION ARCHITECTES

As senior Technician, Patrick Masson was in charge of managing various projects and his main functions included: technical design, diagnostic investigation and planning of building repairs and restoration including after-project monitoring.

He was involved in several major projects, mainly in the institutional, commercial, industrial and transportation fields for various customers such as AMT, Via Rail, Quebecor Media SIQ, SQ, etc. His great knowledge of building systems was an asset to ensure effective coordination between the members of the multidisciplinary team. Over the years, he had gained extensive expertise in the field of masonry and restoration of heritage buildings. He was in charge of the restoration of several churches such as Saint-Viateur, Sainte-Madeleine, Saint-Michael's and Mile End's Saint-Enfant-Jésus in the greater Montreal area.

1989 – 1996

LES ARCHITECTES TÉTREAUPT PARENT LANGUEDOC

Patrick Masson was a Junior Technician involved in many prestigious projects including overseeing the work of the Canadian Museum of History in Hull, complete building investigation of the RIO buildings and the expansion of Sainte-Justine Hospital in Montreal.

ADDITIONAL TECHNICAL EDUCATION

1997 – 2010

COURSES ON BUILDING ENVELOPE

- Pre-purchase Inspection, Basic Appearance and Standards of Practice - OAQ Montreal (2010)
- 12th Annual Conference on Building Science - OAQ CEBQ - Montreal (2009)
- Waterproofing of Buildings - Contech - Montreal (2007)
- Roofing and Maintenance - Contech - Montreal (2007)
- The Building Envelope - Contech - Montreal (2006)
- Roofs, at the Height of Technology and Change - NRC - Montreal (2006)
- Air Barrier Details - CMHC and CEBQ - Montreal (2005)
- Effective Control of Moisture in the Walls of Light-Frame Low-Rise Building - NRC-IRC - Montreal (2003)
- Building Envelope Design Details - CEBQ - Montreal (2002)
- The Architectural Envelope, Diagnostics and Troubleshooting - SIRICON, CEBQ - Montreal (1997)

2004

COURSES ON PROJECT MANAGEMENT

- Project Management - Contech - Montreal

1998

COURSES ON MECHANICAL BUILDING

- Université de Montréal (3 credits)

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- 1997 – 2011 COURSES ON MASONRY CONSERVATION
- ASTM Workshop - St. Louis (2011)
 - Terra-Cotta Restoration - Connecticut (2010)
 - Yahn Restoration Products – Montréal (2008)
 - Université de Montréal (1997)
- 2008 COURSES ON CONTRACTS, LITIGATION AND CLAIMS
- CCDC2 Version 2008 (2008)
- 2001 – 2011 COURSES ON BUILDING REGULATIONS
- Design According to the NBC 2005 and Changes to the NBC 2010 - Contech Montreal (2011)
 - New Quebec Construction Code - Contech (2009)
 - Quebec Order of Architects (OAQ) - Montreal (2001)
- 2004 - 2014 ADVANCED COURSES IN LEED
- Urban Roofs (Ignis Mutat Res) - Montreal (2014)
 - Green Roof Design 101 - Montreal (2010)
 - Panel - Montreal (2008)
 - Sustainable Development - Contech - Montreal 2004
- 1999 OTHER
- History of Modern Architecture – Université de Montréal (3 credits)

SPECIFIC IMPLICATIONS

Quebec Masonry Institute (IMQ) Chairman of the technical committee since 2010

PRESENTATIONS

- 2003 Masonry Inspection
- Technical Conference of the Quebec Masonry Institute (IMQ)
- 2005 Masonry Connectors
– Technical Conference of the Quebec Masonry Institute (IMQ)
- 2010 From Investigation to Restoration - Saint-Viateur d'Outremont Church
– Technical Conference of the Quebec Masonry Institute (IMQ)
- 2014 Masonry Flashings
– Contech Show in Quebec and Montreal (IMQ)
- 2015 Building façade inspection
- Technical Conference of the Quebec Masonry Institute (IMQ)

PUBLICATIONS

Masson Patrick - Article «Les façades et l'inspection» (Free translation : «Façades and Inspection» in La voie du maçon, 2014