

MICHEL LAMARRE

Principal

QUALIFICATIONS

- ▶ B. Eng. Mechanical Engineering, UQTR, Canada

PROFESSIONAL AFFILIATIONS

- ▶ Member – Institution of Engineers Canada



Michel is a Mechanical Engineer with solid experience in large project delivery. He has gained considerable worldwide experience over the course of eight aluminium smelters, three nickel/cobalt refineries and one alumina project, beginning with development of maintenance programs and then moving onto positions as Commissioning Manager, Project Manager and Project Director. His main two employers have been SNC-Lavalin for seventeen years, and Rio Tinto for seven years. This has allowed him to gain experience as representative for both engineering firm and owner's teams.

KEY EXPERTISE: Global Project Delivery: Industrial, Mining and Resources, EPC/EPCM & Owner's team leader, Feasibility study leader, establishment of "Social Licence to Operate", Contracting strategy development, Engineering management, Construction management, Commissioning.

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SPECIFIC PROJECT EXPERIENCE

Mining and Resources

- ▶ **2016 – Practical Completion WICCET port facilities located in Australia, Gladstone.**

- ▶ **2015 - 2016 – Competent Independent Review and health Check review for the Wafi-Golpu Gold project located in Papua New Guinea.**

Responsible for leading the Competent Independent Review at the end of the feasibility study of the Wafi-Golpu Gold Project.

- ▶ **2008 - 2014 - Project Director: Rio Tinto, Kitimat Modernization Project (KMP), Canada:**

Responsible for the management, construction, start-up and operation of the aluminium smelter assets and facilities.

- ▶ **2007 - 2008 - Project Director: Rio Tinto, Coega Aluminium Smelter - South Africa:**

Responsible for the management, construction, start-up and operation of the aluminium smelter assets and facilities. *Project was stopped as the energy crisis intensify in South Africa.*

- ▶ **2004 - 2007 - Senior Project Manager: SNC-LAVALIN, Goro Nickel Project - New Caledonia:**

Responsible for all EPCM activities pertaining to the construction of the Goro Nickel Project. The project consisted of a green field nickel plant with a capacity of 60,000 tonnes per annum of nickel oxide and 5,400 tonnes per annum of cobalt.

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- ▶ **2004 - Project Manager, Definitive Feasibility Study: SNC-LAVALIN - Alcan Gove 3rd Stage expansion project - Australia:**

Responsible for all DFS activities pertaining to the Gove 3rd stage expansion project. The project consisted of an expansion of the existing plant from 2.0 million tonnes to 3.7 millions tonnes of alumina per annum.

- ▶ **2002 - 2004 - Project Manager: SNC-LAVALIN - Hillside 3 Expansion Project, Richards Bay, South Africa:**

Responsible for all EPCM activities pertaining to the expansion of Hillside Aluminium Smelter. The expansion consisted of the addition of 144 pots, as well as additional bake furnace and casthouse capacity (AP-30 technology).

- ▶ **2000 - 2002 - Senior Area Manager - Reduction, Power and Automation, Mozal and Hillside Aluminium Smelters, South Africa / Mozambique**

Responsible for all EPCM activities pertaining to the construction of two aluminium smelter expansions. The first expansion, 288 pots located in Mozambique for the Mozal smelter and the second, 144 pots located in South Africa for the Hillside smelter.

- ▶ **1999 - 2000 - Pre-Commissioning Manager: Mozal Aluminum Smelter, Mozambique:**

Responsible for all pre-commissioning activities for greenfield 250,000 tpy aluminum smelter.

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▶ **1996 - 1999 - Project Manager: SNC-LAVALIN - Goro Nickel Project, New Caledonia:**

Responsible for all EPCM activities pertaining to the construction of two pilot plants for the recovery of nickel and cobalt by solvent extraction. The first pilot plant is located in Ontario and the second in New Caledonia. The construction of the Pilot Plant was part of the feasibility study undertaken by Inco Ltd. in view of developing the nickel mines at Goro, New Caledonia.

▶ **1995 - 1996 - Area Manager: SNC-LAVALIN – Hillside Smelter, South Africa:**

In the capacity of Area Manager for the Reduction Area, responsible for all EPCM activities pertaining to the construction of two potlines (500,000 tpy) and the compressed air system (AP-30 technology).

▶ **1994 - 1995 - Area Supervisor: Cathode Sealing, Potlining and PTA, Hillside Smelter, South Africa:**

Assisted the Area Superintendent in relation to the project objectives, procedures, budgets, schedules and all activities concerning the construction, management and contract administration for primarily cathode sealing, potlining and PTA erection.

▶ **1993 - 1994 - Lead Engineer: Carbon Bake Ovens, Hillside Smelter, South Africa:**

Assisted the Area Manager with preparation of all contract specifications and adjudication of tenderers.

▶ **1992 - 1993 - Area Engineer, Reduction facilities: SNC-LAVALIN, Australia**

Supervised all construction activities of Potlining and PTA construction.

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▶ **1991-1992 - Area Coordinator, Reduction facilities: SNC-LAVALIN, Australia**

Assisted the Area Manager with overall management in relation to objectives, procedures, budgets and schedules.

Industrial / Operation

▶ **2015 – Present – COO MOVUS (Part time) refer to www.movus.com.au for details.**

▶ **1989 - 1991 - Diagnostic and Start-up Engineer, Electrolysis: ALUMINERIE DE BÉCANCOUR – ABI, Canada:**

Assisted the Electrolysis Superintendent with the initial verification and testing of equipment, followed by control of performance and start-up during and after construction of a 3rd potline.

▶ **1988 - 1989 - Mechanical Planner: ALUMINERIE DE BÉCANCOUR – ABI, Canada:**

Developed the Preventative Maintenance Program for the Electrolysis Area.

▶ **1987 - 1988 - Health and Safety Coordinator : DUCHESNE ET FILS LTÉE, Canada:**

Mechanical Engineer, Research and Development.