

## **Michel R. NARDIN**

DIPL.-ING. ETHZ / SIA – MSc – MBA

Certified Expert ISO 17024/SEC 01.1 Cert. N° 0068

### **CURRICULUM VITAE**

#### **Formal Education:**

- Swiss Federal Institute of Technology, Zurich (ETHZ), Switzerland, Dipl.-Ing. ETHZ / MSc. (1976)
- University of Lausanne - HEC Business School, Switzerland, MBA (1988)

**Nationality:** Swiss / born in 1953.

**Languages:** French, English and German.

#### **Present Status:**

- Senior Partner of PMG Consulting Engineers and Economists, a firm specialised in the prevention and resolution of disputes, arbitration, litigation, expertise, mediation, claims management and adjudication. Field of activity: building industry, civil engineering, hydraulic construction, transportation, infrastructure, industrial projects, power plants, production plants and project management of multidisciplinary projects.
- Dispute Board Member, Court Appointed Expert, Party Appointed Expert, Adjudicator, Mediator. Area of specialisation: civil engineering, hydraulic and dam construction, road, water treatment plants and water supply, sewerage, irrigation, industrial plants, power plants, energy, infrastructure projects and buildings. Activities in Europe, Africa, Asia, and the Middle East.
- Member of the Swiss Arbitration Association – ASA
- Member of the ICC Arbitration Commission Switzerland
- FIDIC accredited Adjudicator
- Board Member of the Swiss Chamber of Technical and Scientific Forensic Experts – Swiss Experts
- Member of the Dispute Resolution Board Foundation – DRBF, Country Representative for Switzerland
- Certified Expert ISO 17024/SEC 01.1 – Cert. N° 0068
- Expert registered at the Swiss Society of Engineers and Architects – SIA
- ETHZ, alumni; University of Lausanne – HEC, MBA alumni

#### **Some Key Assignments:**

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|-------------|---|
| 2016 – 2018 | Chairman of the Experts Panel: Underground transport system, rolling stock, International Arbitral Tribunal, Hungary / France |
| 2016 – 2018 | Member of a Combined Dispute Board - CDB: Barrage and hydroelectric plant – EPC contract, Egypt                               |
| 2015 – 2021 | Chairman of the Dispute Adjudication Board - DAB: Hydroelectric plant – Dam and Lake Project – FIDIC Contract, Lebanon        |
| 2014 – 2018 | Party Appointed Expert: Chemical Plant, Decontamination, International Arbitral Tribunal, France / Switzerland                |
| 2014 – 2016 | Court Appointed Expert: Gas Power Plant 800 MW, International Arbitral Tribunal Milan Chamber of Arbitration, Italy / China   |
| 2014 – 2016 | Party appointed Expert: Oil & Gas Industry, Security Systems, EPC Contract, International Tribunal ICC, Algeria / France      |
| 2012 – 2013 | Expert appointed by the ICC: Desalination Complex and Power Plant 300 MW, EPC Contract, Algeria / Japan                       |

2011 – 2013	Court Appointed Expert: Shopping and Leisure Mall (50,000 sqm GLA), International Arbitral Tribunal ICC, Turkey / Netherlands
2011 – 2014	Member of a Dispute Adjudication Board - DAB: Road construction, infrastructures and bridges – FIDIC Contract, Mozambique
2010 – 2012	Chairman of the Dispute Adjudication Board - DAB: Irrigation project, dam, canals, retention basins and hydraulic structures - FIDIC Contract, Mali
2010 – 2012	Court Appointed Expert: Rock wool production plant, International Arbitral Tribunal ICC, Kazakhstan / Germany
2010 – 2012	Chairman of the Experts Panel: Industrial plant, turnkey construction, International Arbitral Tribunal ICC, Turkey / Germany
2008 – 2014	Member of a Dispute Adjudication Board / DAB: Barwa City Project, turnkey construction of a new city – FIDIC Contract, Doha, Qatar
2009 - 2010	Court Appointed Expert: Real estate development, turnkey contract, International Arbitral Tribunal ICC, Eritrea / Qatar
2009 - 2010	Party appointed Expert: Residential complex, appraisal of extension of time (EOT) and associated costs, International Arbitral Tribunal, Romania / France
2009	Court Appointed Expert: Residential complex, structure deformation, Tribunal cantonal, Lausanne, Switzerland
2008 - 2009	Expert Consultant: Silicon plant, contract management, turnkey contractual packages, Qatar
2006 - 2008	Court Appointed Expert: Underground transport system, rolling stock, International Arbitral Tribunal ICC, France / Germany.
2008	Mediator: Underground commercial centre, extension of time (EOT) and associated costs, Geneva, Switzerland
2008	Court Appointed Expert: Rupture of high pressure system, penal claim, “Juge d’instruction de l’Arrondissement de Lausanne”, Switzerland
2008	Adjudicator: Residential complex, claims for additional costs, Fribourg, Switzerland.
2008	Expert Consultant: Road construction, claims management and expert opinion - FIDIC Contract, Mauritania / Brazil
2006	Court Appointed Expert: Industrial plant, appraisal of co-generation and steam production, International Arbitral Tribunal ICC, France / Belgium
2006 - 2007	Court Appointed Expert: Industrial plant, Tribunal Cantonal, Lausanne, Switzerland.
2006 – 2009	Party appointed Expert: Research and Development Centre, claims management and expert’s assessment, Geneva, Switzerland
2006 - 2007	Expert Consultant: Underground junction and motorway tunnel, claims management - FIDIC Contract, Slovenia
2006	Expert Consultant: Pumping station 190 MW and pressure piping, claims management, Algeria / Spain
2005	Expert Consultant: Motorway tunnel, claims management - FIDIC Contract, Slovenia

### **Past Professional Experience:**

Over 40 years of experience as consulting/professional engineer and as contractor. Activities in large-scale international construction projects (hydraulic and dam construction, waste water treatment plants, sewerage systems, water supply, buildings, infrastructures, concrete and steel structures, power plants, industrial plants, etc.) in Europe, Africa, Asia and the Middle East.

Since 2005	Senior Partner of PMG Consulting Engineers and Economists. Dispute Board Member, Expert, Adjudicator, Mediator, specialized in the prevention and resolution of disputes.
2000 – 2005	SGI Consulting Engineers SA – Geneva / Athens / Luxembourg. CEO and Board Member.

Consulting engineer and expert, specialized in hydraulic structures, waste water treatment plants, sewerage, water supply, energy and hydro electrical power schemes, transport infrastructures (rail, roads, airports, harbours), structures (bridges, tunnels, buildings). Management of contracts with international financing institutions.

- 1998 – 2000 Swiss Life Group, Swiss Insurance Company – Zurich / Lausanne.  
Director and Member of the Executive Board.  
Real estate investment and management policy on the Swiss and international markets.
- 1988 – 1997 Implenia SA, General Contractor – Geneva / Lausanne (former Zschokke SA).  
Director and Member of the Executive Board.  
- Acquisition, negotiation and execution of turnkey contracts on the international and home markets – civil engineering, hydraulic constructions and buildings  
- Promotion and execution of industrial complexes and real estate projects. Planning, management and execution of turn-key contracts. Technical/financial activities (contract and claims management) for public and private clients and implementation of financing solutions.
- 1982 – 1987 Geilinger SA, Steel Construction – Winterthur / Lausanne.  
Branch Manager.  
- Technical, financial and project management of industrial equipments in Europe and Nigeria. Various assignments in the fields of industrial and steel construction.  
- “Curtain walls” Department: Project management of curtain walls / Office buildings market.
- 1979 – 1982 Giovanola Frères SA – Monthey, Switzerland  
Project manager and professional engineer  
- “Hydro power” Department: design of steel structures and high-pressure welded constructions in the hydro-electrical, industrial, reservoirs and silos sectors.  
- “R &D” Department: design, development and coordination of devices (entertainment parks - USA). Development, design and calculation of spatial steel structures under fatigue stress.
- 1976 – 1979 ICR Maroc, Ingénieurs-conseils SA – Rabat, Morocco  
Professional engineer.

#### **Publications:**

- 2009 “A Practical Approach to the FIDIC Principles” (Romanian Review of Arbitration 2009)
- 2013 “Programme, Delay and Extension of Time: A Practical Approach” (Construction Law Journal 2014)

#### **Professional Affiliation:**

- Swiss Arbitration Association- ASA
- Member of the ICC Arbitration Commission Switzerland
- Swiss Chamber of Technical and Scientific Forensic Experts – Swiss Experts
- Dispute Review Board Foundation – DRBF
- Swiss Society of Engineers and Architects – SIA