



# MARIO DELA CUADRA

BENG (CIVIL), RPENG (VIC), (MIEAUST CPENG RPEQ)  
INTPE (AUST)

## Senior Engineer

### PROFESSIONAL EXPERIENCE

2019 – Present

**Structural Engineer | RMG**

2016 – 2019

**Structural Design Engineer | BSE Consulting**

Key roles:

- ✓ Managing structural design and documentation of residential and commercial buildings of timber, concrete, masonry, steel design and non-conventional like rammed earth, strawbale and other sustainable engineering solutions.
- ✓ Preparation of fees and proposal to suit the client scope of work and budget. Leading in innovative design that developed good rapport with clients and pursuing referral with new opportunities and proposal for future clients and stakeholders

2015 – 2016

**Engineering & Drafting Manager | Chemstore Group**

Key roles:

- ✓ Managed and facilitated technical solutions in providing engineering services, structural design of fiberglass composites to international standards (BS4994 and BS-EN13121.) and Australian standard (AS2634 and AS2566).
- ✓ Demonstrated continuous leadership for research and development projects in product research and engineering.
- ✓ Advanced knowledge in finite element analysis (FEMAP with Nastran) for linear and non-linear analysis of transportation and storage vessels.

2009 – 2015

**Senior Structural Engineer | Al Jazirah Engineers and Consultants – Saudi Arabia**

Key roles :

- ✓ Managed the structural division to comply with local and international standards for the structural design of residential, commercial, high-end residential, multi-storey building, industrial, governmental and high rise buildings including civil infrastructures using concrete, steel, precast, prestressed, composites and timber to international standards (ACI, AASHTO, AISC and AWS).
- ✓ Experienced designer of civil structures like retaining walls, culverts, pipe, water tanks, septic tanks, valve chambers, duct banks, trenches and other underground structures

2003 – 2008

**Civil Engineer | St Marys College - Philippines**

- ✓ Structural design and project management of buildings and infrastructures to local and international standards for small to medium residential and commercial buildings

### OVERVIEW

Mario is a structural engineer boasting over 20 years of expertise in structural design and project management. His specialisation spans small to large-scale projects, encompassing residential, commercial, high-end residential, multi-storey buildings, industrial structures, governmental facilities, and high-rise buildings, along with civil infrastructures.

Proficient in working with a variety of materials, including concrete, steel, precast, prestressed, composites, and timber, Mario brings a wealth of experience to ensure the success of diverse and complex engineering projects.

### QUALIFICATIONS & MEMBERSHIPS

- ✓ Bachelor of Engineering (Civil) (MIEAust) 2003
- ✓ Chartered Professional Engineer (Structural) (RPEQ) 2017
- ✓ Registered Professional Engineer Victoria PE0001870
- ✓ Master of Engineering Program – Ateneo de Davao University, Philippines
- ✓ National Engineers Register (Structural)
- ✓ Registered Building Practitioner
- ✓ VBA Registration
- ✓ APEC Engineer Register (Asia Pacific Engineering Cooperation)
- ✓ IntPE (Aus) International Professional Engineer (Australia)

