

**DANIEL JOHNSTONE**
Manager**Qualifications**

Bachelor of Engineering (Hons) 1995, JCU
Registered Professional Engineer of Qld, 5892
MIE Aust, CP Eng. NER (Civil)
Graduate Certificate in Engineering (Port and Harbour) 2014, Swinburne
Master of Pavement Technology 2019, CPEE
Northern Territory Reg. No. 58497ES
Department of Defence NV1 Level Security Clearance
Townsville City Council Suitably Qualified Person-065 Erosion & Sediment Control

PROFESSIONAL EXPERIENCE**Training**

Level 1 Bridge Inspection
(ARRB Group)
Level 2 Bridge Inspection
(ARRB Group)
AS5100 Bridge Design 2005
Unsealed Local Roads
(ARRB Group)
Pavement Recycling & Insitu Stabilisation
(Centre for Pavement Engineering Education
Inc)
R110HS202A Enter & work in confined spaces
R110HS204A Work safely at height

Inductions

Port of Townsville
Department of Defence

Skills

Problem solving
Conceptual & preliminary design
Design coordination with other consultants
Structural design
Project management (in house and
externally)
Site supervision

Project Types

Education Facilities
Refurbishments Commercial Developments
Industrial Developments
Residential Developments
Shopping Centres
Childcare Centres
Police Headquarters
Aquatic Centres

LCJ ENGINEERS PTY LTD**General Manager 2010 - Present****Principal Engineer 2003 - 2010**

Danny is a Civil and Structural Engineer with 20 years experience in the consulting engineering industry. He has design and site supervision experience in a range of structures including commercial, industrial, institutional, bridges, houses and medium and high-density home unit developments. He has extensive experience in undertaking condition assessments for a wide variety of structural materials including concrete, timber, steel, precast and masonry.

Danny completed a Graduate Certificate in Engineering (Port and Harbour) in 2014 at Swinburne University of Technology. He was awarded the 2014 Top Graduate Prize in recognition of the highest achieving graduate for the Graduate Certificate in Engineering (Civil).

He is current undertaking a Master of Pavement Technology at the Centre for Pavement Engineering Education. He was awarded a Student Excellence Award in 2015 for excellent results in the subject of "Asphalt Mix Design".

Danny has been involved in the following relevant projects:

MARINE

- Design and documentation of aluminium walkways for Berth 11 (POTL).
- Berth 8 (POTL) crack observations and review of grid "L" beam, grid "P" beam, topping slab and fenders. Reports were prepared to compare the observed cracks with applicable Australian Standards and recommend any potential works required to meet the durability intent of the structure.
- Investigation of Berth 1 (POTL) fender options and preparation of drawings.
- Townsville Port Tug Berth capacity review. A design check was carried out of the existing Townsville Port tug berth structural framing to determine the maximum berthing velocity.
- Design of glass fibre reinforced polymer (GFRP) concrete beam for mobile crane within the Port of Melbourne.
- Certified load test for 6m and 8m gangways for POTL which were being sold and were originally designed by LCJ Engineers.
- Yanks Pontoon, Orpheus Island rehabilitation works for Pacific Marine Group following damage caused during Cyclone Dylan in 2015. A condition report for the jetty, ramp and pontoon was carried out in 2009.

GROGAN RICHARDS, Brisbane**Senior Structural Engineer 2002 - 2003**

- Structural design and documentation of six (6) storey extension to existing 14 storey building in Melbourne Hallmark Apartments. This project won in the category Best Contribution to Sustainable Development Large Scale in the 9th City of Port Phillip Design and Development Awards 2007.
- Design verification of post tensioned footings for Challicum Hills Windfarm (\$76M).

PRICE & MYERS, London**Structural Engineer 2000 – 2002**

- Structural design & documentation of Lough Road Recycling Centre for Arsenal Football Club - £22M multi level waste recycling centre.
- Structural & civil design of Chineham Court office block. Piled four level office block on sloping site (£7M).

LCJ ENGINEERS PTY LTD, Townsville**Design Engineer 1999 – 2000**

- Site supervision of Medical School buildings, JCU.
- QBSA and Defence Housing inspection, assessment and preparation of reports on building distress.

CONNELL WAGNER, Mackay**Structural Engineer 1995 – 1999**

- Mount Pleasant Shopping Centre, Mackay extension and refurbishment (\$26M).
- Caneland Shopping Centre, Mackay Stages 3 to 6 extensions and renovations.
- Mackay Police District Headquarters (\$7M).
- Capella Aquatic Centre (\$2 million).
- Structural design of Sanga Sanga coal terminal, Indonesia.