



MICHAEL KING

STRUCTURAL ENGINEER 



EDUCATION & QUALIFICATIONS

- Bachelor of Engineering Civil and construction (Hons)
- Member of Institute of Australia MIEAust

VALUES

- Working with integrity
- Understanding client expectations
- Developing technical and pragmatic solutions
- Hard working

EXPERTISE

- Analysis and design of complex structural systems (existing and new) to provide efficient design solutions
- Design and Analysis (including fatigue) of industrial structural materials handling equipment including conveyor systems, ship loaders & stacker reclaimers.
- Designing safe and pragmatic solutions for temporary works
- Risk assessing existing structures and implementing risk mitigation techniques
- Effectively communicating with site project management teams; managing technical queries, non-conformance reports, and requests for information

CAREER HISTORY

STRUCTURAL ENGINEER
Tungsten Structures | Feb 2019 to present

STRUCTURAL ENGINEER
Aspec Engineering | Jan 2015 - Feb 2019



KEY PROJECTS

MANGO HILL STATE HIGH SCHOOL, MANGO HILL
 - \$40M 15,000 SQM
 Stage 1 structural works incorporates seven buildings, a covered main entry forecourt and a network of covered link walkways and external lifts and stairs. The building work includes a 3 storey classroom block, 2 storey administration block, 2 storey science centre, and single storey IT centre, canteen, amenities, ancillary services and a 2,500sqm indoor sports hal

STACKER RECLAIMER & SHIP LOADERS
HAY POINT COAL TERMINAL
 Fatigue analysis of existing steelwork to determine the life extension suitability of stacker reclaimers and shiploaders

MULTI-METALS PROCESSING AND RECOVERING FACILITY
ADELAIDE
 Port Pirie Multi-metals processing and recovering facility redevelopment, Nyrstar Transformation Project. Structural design of deep-piled foundation for 80m high lead smelting furnace building. Due to the challenging site conditions, the foundation consisted for 90 x 26m deep bored piles, with a 1.6m deep pile cap.

(Further information or more projects available upon request)

