

ALASTAIR WILSON

Senior Mechanical Engineer

BE (Hons), MIEAust, CPEng, NER, APEC, IntPE (Aus), RPEQ 18209



Background

With over 25 years professional experience, Alastair is a senior mechanical engineer with wide-ranging expertise across all sectors.

Alastair has worked on projects in the retail, health, sports and leisure sectors as well as on large and small-scale industrial and commercial projects. His extensive experience in mechanical engineering services includes HVAC and Medical Gases design. Alastair has worked on a number of complex projects throughout his career.

Project Experience

Retail

- Design of various new and refurbishes Coles Supermarkets including Ormeau, Australia Fair, Alderly & Elanora (The Pines)
- Highfields Village, Toowoomba
- Stockland Oceanside Retail Centre
- Harris Farm Markets, West End
- Griffin Local Activity Centre
- Deception Bay Shopping Centre

Commercial

- Reading Cinemas, Newmarket – Cinema Fitout
- Reading Cinemas, Auburn NSW - Mechanical Plant Upgrade
- Reading Cinemas, Harbourside - Gold Lounge Cinema Extension
- Treasury Casino – Orchid Room upgrade
- 300 Adelaide Street – Office & Retail unit upgrade
- GlaxoSmithKline, various locations, UK, Engineering workshop, Microbiology Laboratory, Production facility modifications
- Land Rover, Birmingham, UK, Body-In-White Factory, HVAC design including cooling water and compressed air
- Luggage Point Alliance, Recycled water treatment plant, Brisbane, HVAC design of Administration & Substation buildings

Education

- Carlisle Adventist Christian School – Stage 2 Extension
- Oxford Brookes University, UK, HVAC design of Visual Arts Building, Computer Services Suite, Media Centre & Student accommodation
- Proserpine State High School – New Classroom Block
- Northern Beaches State High School – New Classroom Block
- TAFE Queensland – Air Conditioning & Dust Extraction upgrades – Grovely, Alexandra Hills & Eagle Farm

Health

- Townsville Hospital – Mental Health High Dependency Unit upgrade
- Townsville Hospital – Planned Procedures Centre (PPC) - Day surgery operating theatres, recovery wards, waiting areas and consulting room HVAC and Medical Gases
- Townsville Hospital – Central Sterile Services Department (CSSD)
- Townsville Hospital – Clinical Support and Services Building (CSSB) & Townsville Cancer Centre (TCC) -
- Medical Centre Fitout - Ripley Town Centre
- Birmingham New Hospitals Project, UK, Mental Health residences and day care facilities
- Pinderfields Hospital, Yorkshire, UK, Sterile Services Department
- Princess Alexandra Hospital, West Midlands, UK, Sterile Services Department

Institution

- Church of Latter Day Saints, Loganholme
- Seventh Day Adventist Church Extension
- State Library of Queensland, Brisbane – The Edge, Air Conditioning & Ventilation Design of existing building
- Port of Brisbane Terminals 11 & 12, Project Management of multi-discipline services design and HVAC design of Operations, Maintenance and ancillary buildings on site
- Brisbane Supreme Court & District Court, HVAC design, Chambers & PIC areas
- Brisbane Broncos Elite Women's Training & Leadership Centre

Sporting

- NQ Cowboys Community & High-Performance Training Facility
- Cricket Australia Centre of Excellence – Training facilities including practice nets, gym, swimming pool, seminar rooms and offices
- Morayfield Sports and Events Centre Expansion
- Caboolture Regional Aquatic Centre
- South Pine Indoor Sports Building

Service Stations

- Freedom Fuels - Harristown, Geebung & Underwood
- Acacia Ridge Service Station
- Shell Service Station, Noosa
- Coles Express – Moorooka Service Station

Aged Care

- Murroona Gardens, Bowen Bedroom Wing and Day Care Facilities
- Capricorn Adventist Church Aged Care - Yeppoon
- Berlasco Court Redevelopment
- Upper Coomera Aged Care

Mining/Industrial

- Underground Spot Cooling System, Grasstree Mine
- North Goonyella Underground Spot Cooling
- Kestrel Mine – Process Water Cooling
- Sanofi Warehouse, Brisbane

Social Housing

- Social Housing Haig Road, Loganlea
- Cleveland Youth Detention Centre