

CREATING HEALTHY EFFICIENT BUILDINGS

A low-angle, upward-looking photograph of several modern skyscrapers with glass facades. The buildings are covered in scaffolding and safety netting, indicating they are under construction. The perspective creates a sense of height and scale, with the buildings converging towards the top of the frame. The lighting is bright, suggesting a sunny day, and the overall color palette is dominated by the blues and greys of the glass and steel, with some yellow highlights from the construction equipment.

EST.
1995

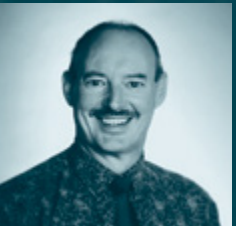
INDUSTRY-LEADING ENGINEERS
SPECIALISING IN SERVICES WITHIN
THE BUILT ENVIRONMENT.

From early beginnings, Company
Founder, Brian Jackson set out to make
a positive difference to the service
delivery offered by traditional Building
Services consultants.

With Lance Jimmieson and Scott
Roberts now at the helm, the company
has expanded nationwide, developing
a unique understanding and service
offering to aid existing building owners
and building managers to proactively
manage their HVAC+R assets.



Lance Jimmieson
MANAGING DIRECTOR



Scott Roberts
TECHNICAL DIRECTOR

“Getting an old
system working
like new.”

BURT MONROE

BUILDING PERFORMANCE SPECIALISTS

WE KNOW HVAC+R

We get called all sorts of things:
engineering consultants, HVAC+R
specialists, mechanical engineering
consultants, HVAC+R solution
providers, air conditioning or
heating engineers, energy-
efficiency experts... Call us what
you want, **but at the heart
of it, we are problem solvers.**
And we're very, very good at it.

We cover the full gauntlet of
HVAC+R services, from system
design and implementation to
diagnostics and peer reviews.

But one thing stays the same
throughout: **we use our expansive
engineering experience and
knowledge to create healthy,
energy-efficient, cost-effective
buildings for our clients.** It's at
the forefront of everything we do.

We're industry leaders when
it comes to sustainability and
energy efficiency. As such, CEO
Lance Jimmieson has had an
active role in establishing the
NABERSNZ system, which rates
the energy efficiency of existing
buildings. He was chosen for
his knowledge and experience
with Continuous Commissioning,
optimising the HVAC+R systems
serving these buildings.

Our customers matter to us.
We see them as long-term
partners, guiding them
through complex issues with
comprehensive advice. We take
the time to focus on each stage
of a project, cast in the context of
a Master Plan for the site, rather
than applying a standard cookie-
cutter response.

At Jacksons, our expert staff pride
themselves on their integrity,
transparency, teamwork, out-of-
the-box thinking and work ethic
and we're rapt to hear customers
consider our practical solutions
world-class.

IT'S OUR MISSION TO MAKE HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS -
NEW AND EXISTING - FIT FOR PURPOSE AND TO REDUCE ENERGY CONSUMPTION. **WHY?**



healthy,
efficient
buildings

=



happier,
healthier
tenants
and staff

=



higher
occupancy
+ increased
productivity

=



lower OPEX /
running costs,
increased plant life
+ shareholder return

=



maximising energy
efficiency reduces
environmental
footprint

WE TAKE CARE OF IT ALL

We provide the vital link in a complex process, taking ownership and accountability. We ensure the seamless delivery of our innovative solutions, for the long-term life and health of your building assets.



FULL RANGE OF SERVICES

We can take your fit-out, full or staged refurbishment project, from concept to commissioning and beyond, right through to prescribing and overseeing ongoing maintenance programs.

HVAC+R ENGINEERING

- System Re-Engineering
- Plant Upgrades
- Ventilation - Compliance
- Fit-out Design
- Fit-Out Contract Management
- Refurbishments
- Ventilation - Industrial
- Peer Review - Concept
- Peer Review - Construction
- Peer Review - Design
- Refrigeration Consulting
- Specialist Work

BUILDING MANAGEMENT SYSTEMS (BMS)

- BMS Design
- BMS Upgrades
- BMS Implementation
- BMS Reviews

SUSTAINABLE ENERGY

- Energy Performance
- Optimising HVAC Performance
- Energy Auditing
- NABERSNZ Building Ratings
- GreenStar Performance Ratings

HVAC+R SURVEYS & REPORTS

- Operational & Conditional
- Plant Condition Audits
- Technical Due Diligence

INNOVATION & WORLD FIRSTS

- Underwater Engineering
 - Worlds first Underwater Restaurant (Ithaa - Hilton Rangali, Maldives)
 - Worlds largest Underwater Restaurant (5.8 - Hurawalhi Island, Maldives)
 - Worlds first Underwater Hotel Suite (Muraka - Hilton Rangali, Maldives)
- FanWall Technology
 - Australasia's largest retrofit fanwalls
- Drying Technologies
 - Low Humidity Fruit & Produce Packaging areas
- Specialised projects and environments which require a never-before-seen solution
- Utilises all facets of our unique expertise for a tailored solution

HVAC+R FORENSICS

- Plant failure investigation / Diagnostics
- HVAC related forensics & problem diagnostics
- Legal Work - Expert Witness
- Product contamination issues

BUILDING PERFORMANCE

- Continuous Commissioning
- Building Ratings
- Certified Measurement & Verification
- Maintenance Review Services
- HVAC Planned Preventative Maintenance Procurement
- BMS Maintenance Procurement
- Legislative Work - Industry standards
- Energy Auditing
- Industrial Training
- Specialist Work


CLIENT EDUCATION & INDUSTRY TRAINING

- Continuous client education of managing building assets
- EMANZ Certified trainer for:
 - Commercial Building Energy Specialist
 - Continuous Commissioning
 - Energy Management for Facility Managers
- Client Seminar and industry training - HVAC 101
- Event Speaking at Industry Conferences


PROBLEM SOLVERS FOR THE LONG-TERM

Buildings require engineering and re-engineering throughout their life cycles. We deliver innovative solutions for the long-term life and health of your pre-loved building assets or specialist project.


SEAMLESS SERVICE - With you every step of the way. Overseeing & management of all aspects of the project.

**Problem presents.**
New or persistent fault.


→

**All points assessment**
- 'no-surprises'
discovery audit.


→

**Recommended**
solution presented.


→

**Full service project**
management
offering.


→


**Delivering positive,**
measurable
outcomes.

→

**Continuous**
commissioning.


→


**HVAC+R ENGINEERING**
Full range of engineering services for HVAC+R.


**CLIENT EDUCATION
& INDUSTRY TRAINING**
Continuous client education and building asset management support.


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Fault repair only,
may fix the symptom
temporarily but not
resolve any underlying
problems.

**HVAC+R SURVEYS & REPORTS**
Typically describes age and condition of plant, deferred maintenance and operational / compliance issues. Recommendations range from immediate to staged at two, five & ten+ years, with accompanying budgets for planning.


**HVAC+R FORENSICS**
Investigative diagnostics for system / plant failure, premature failure or property damage such as fires resulting from system faults.

**BUILDING MANAGEMENT SYSTEMS (BMS)**
Control of increasingly complex systems is vital if intended design parameters are to be met.

**INNOVATION & WORLD FIRSTS**
Out-of-the-box projects, that need problem-solving thinking.

**BUILDING PERFORMANCE**
Plant upgrades or replacements are properly engineered, capacities recalculated, new technologies incorporated and capital / opex costs identified. Clients have confidence that big-ticket plant items are appropriately selected, costed and fit for purpose for the next 20 year life cycle of the buildings intended use.

- Improved building health
- Energy consumption minimised
- Tenant comfort achieved
- Increased staff productivity
- Higher tenant occupancy
- Plant-life extended
- Lower OPEX / running costs
- Remote monitoring
- Reduce risk events
- Less maintenance

**SUSTAINABLE ENERGY**
Maximising energy efficiency

- Reduces Environmental Footprint
- Reduces Energy Consumption
- Maximises plant life
- Improves tenant comfort
- Increases productivity
- Reduces absenteeism
- Maximises Asset value

“Simply put, they are simply the best and we have no hesitation in recommending their services.”

PAUL O'MALLEY, BAYLEYS PROPERTY SERVICES

OUR CLIENTS

OUR PARTNERS

6 OVERVIEW // JACKSON ENGINEERING ADVISERS LTD

JACKSON ENGINEERING ADVISERS LTD // OVERVIEW 7

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