



ENGINUITY
DESIGN & CONSTRUCT

COMPANY PROFILE



BACKGROUND

Engenuity Design and Construct is a mechanical services contracting firm that specialises in delivering projects through our strong engineering capabilities. Since we began trading in 2014, we have strived to apply best practice processes and first-rate service to all our customers. This has resulted in numerous positive references from successfully completed projects. We aim to be at the forefront of the design and delivery of sustainable, cost effective and energy efficient solutions.

We specialise in the design, construction of all types of HVAC systems. Through proper planning and innovation, we ensure our main objectives of OH&S, time management, safety and quality assurance are successfully achieved.

Engenuity Design and Construct has been involved in a diverse range of HVAC projects within the construction industry including: Institutional Office/Commercial Retail Healthcare and Education

Additionally, we have worked closely with our clients on energy efficiency solutions for NABERS, Greenstar purposes or to achieve financial savings from reduced operating costs.



OUR CORE SERVICES

1. HVAC design and construct
2. Thermal plant refurbishment upgrades
3. Office & Building fitouts
4. Sheetmetal and general fabrication facilities
5. BMS & Automation controls systems
6. NABERS & Energy efficiency upgrades
7. Revit 3D drafting & services coordination
8. Hydraulic design services
9. Remote and regional installation
10. Maintenance services

DESIGN - INSTALL - COMMISSION - MAINTAIN

BACKGROUND



Name/Title:

Phillip Hangyasi – Construction Manager

Overview:

Phillip has over 18 years' experience within the building services field primarily as a project and design engineer. He has extensive expertise in concept design of major buildings, employing energy efficient and innovative technologies in all services and using his contracting experience to provide pragmatic workable solutions.

Phillip has been involved in a wide variety of projects including the design of new office buildings; commercial fit outs, data centres, education, community facilities, retail and hospitals.

With a combined contracting and consulting background Phillip understands that designs are not just lines on a page, they are systems that need to be installed and commissioned on site.



Name/Title:

Howard Nguyen – Technical Director

Overview:

Howard has over 38 years' experience within the Engineering and services field which included being one of the youngest engineering directors at General Electric Company (New Zealand) in 1982. In addition to working for many large multinational companies Howard has run a successful contracting company in Vietnam for 10 years before returning to Australia.

Projects of Note:

- Coffs Central Shopping Centre Extension and Refurbishment.
- Pullman Hotel Central Plant refurbishment.
- 76 Berry St - Trigereneration Plant and Energy Efficiency Upgrade
- Fairfield Council Administration Building full HVAC Refurbishment
- 100 Brougham Street, Geelong VIC 0 to 5 Star NABERS Upgrade
- 103 Corio Street, Geelong VIC 0 to 5.5 Star NABERS Upgrade
- Port Central Shopping Centre 5.0 Star NABERS Upgrade. NABERS rated the most efficient enclosed shopping centre in Australia (20/02/2014)
- UTS Sydney Broadway, Engineering Building and Precinct Tri-generation
- 691 George Street, Sydney
- Grosvenor Place Food Court, Refurbishment
- Sydney Fish Market Refurbishment Concept Design
- Department of Climate Change and Environment Fit out, concept design (6 Star Greenstar)
- Gowings and State Theatre Sydney, Hotel Redevelopment
- 228 Pitt Street Sydney, Commercial Building Refurbishment
- C2 Dandenong, Commercial office Building
- Over 70 Metro and Regional office refurbishments as part of the NSW Department of Community Services office roll out (\$100 million)
- Sutherland Hospital Dialysis Building
- Ballarat Hospital, \$150 million Redevelopment
- Sydney Children's Hospital, North Ward Refurbishment
- Prince of Wales Hospital, Hyperbaric Chamber
- Westmead Hospital, Emergency Ward Refurbishment
- ING Tuggerah, Disaster Recovery Centre Upgrade

Projects of Note:

- Abu Dhabi Plaza in Kazakhstan (\$2 Billion US Development) which included
 - 92,000 sqm of retail space including food courts and entertainment facilities.
 - 5000 sqm of Central market and bazaar.
 - 125,000 sqm of high rise residential (88 levels)
 - 80,000 sqm of high rise premium grade office building.
 - 3000 sqm of a Light railway Station.
 - 216,000 sqm of underground and above ground car park
 - Client: ALDAR Properties PJSC- Abu Dhabi, United Arab Emirates (UAE)
- Zaryade Project in Russia (\$1 Billion US Development) which included;
 - 3500 seat Multi Cultural Hall of approx 42,000 sqm.
 - 1200 seat Philharmonic Hall and 500 seats Variety Hall of approx 22,000sqm.
 - 45,000 sqm of Museum and Banqueting Halls.
 - 45,000 sqm of Retail.
 - 80,000 sqm of 5 star hotels.
 - 30,000 sqm of premium grade residential.
 - 85,000 sqm of underground car park.
 - Client: STT Group- Moscow, Russia
- Warsaw "SPIRE" Project (Poland) which included;
 - 80,000 sqm of high rise premium grade office building (50 level tower)
 - 45,000 sqm of low rise premium grade office buildings.
 - 72,000 sqm of high rise premium grade residential (44 level tower)
 - 105,000 sqm of Retails and underground car park
 - Client: GHELAMCO POLAND SP- Warsaw, Poland

ENGINEERING & SITE SUPPORT

Phil and Howard are backed up by our team of Degree qualified engineers and site supervisors. Enginuity produce all services designs in house and in AutoCAD or 3D Revit formats. We can run the project coordination or work closely with a lead consultant to ensure projects are delivered as intended.

SERVICE & MAINTENANCE

Through our service team we can provide the following services for your building:

- Maintenance and service to HVAC & refrigeration systems
- Mechanical electrical maintenance
- System integration testing with fire & ventilation systems
- Compliance to applicable standards

BACKGROUND



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COFFS CENTRAL SHOPPING CENTRE EXTENSION & REFURBISHMENT

BUILDER: LIPMAN PTY LTD

CONTRACT VALUE: \$3,000,000

DESCRIPTION: HVAC works associated with the extension of the existing Shopping Centre as well as refurbishing 10,000m² of existing retail space.

CLIENT: GOWING BROTHERS



PULLMAN HOTEL SYDNEY CENTRAL HVAC PLANT UPGRADE

MAIN CONTRACTOR: ENGINUITY DESIGN & CONSTRUCT PTY LTD

CONTRACT VALUE: \$1,200,000

DESCRIPTION: Replacement of the chiller and pumping plant within the hotel while it remained fully operational. Works also included upgrading the existing Johnsons BMS system.

CLIENT: ASCENDAS



26 COLLEGE ST SYDNEY AIR HANDLING PLANT REPLACEMENT

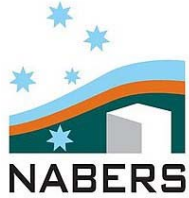
MAIN CONTRACTOR: ENGINUITY DESIGN & CONSTRUCT PTY LTD

CONTRACT VALUE: \$1,000,000

DESCRIPTION: Full replacement of the buildings air handling plant serving all office levels. The on floor mechanical works were carried out at night and over weekends with no disruption to the tenants.
Enginuity also looked after the ceiling replacements and general building works associated with the contract.

CLIENT: KNIGHT FRANK





CONTACT US

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