

KNOX ADVANCED ENGINEERING



Making the difficult, simple

Knox Advanced Engineering Pty Ltd

Solutions for the Construction Industry
ACN 090 907 789



Dongyu Zhang, Knox Advanced Engineering Pty Ltd

Dongyu joined Knox Advanced Engineering in 2008, and has more than 25 years experience in the building services mechanical field including design, supervision, and project management of heating, air conditioning systems, ventilation, dust control systems, cleaning room system, refrigeration, and hydraulics gained on projects in Australia, New Zealand, and China.

Dongyu has been exposed to almost all aspect of the HVAC field in his career and has experience working as a team member as well as being responsible for the design and administration of projects.

Position in Firm
Mechanical Engineer

Specialisation

Building Services
HVAC – Mechanical and
Hydraulics

Key Experience

Dongyu has extensive experience in the design and documentation of mechanical building services. Dongyu's expertise covers Commercial, Industrial, Residential, Educational, Medical / Healthcare, Retail, Hotels, Recreation & Sports, and many others.

Education and Professional Status

Bachelor of Engineering (Mechanical) – Chang'an University

Project Experience

Commercial

- Sussex Hay Centre–Sydney
- Rocky Point Road–Sydney
- Darling Park Tower 1–Sydney
- Chancery Square West –Auckland
- Taumarunui Administration Development, Ruapehu District Council – New Zealand
- 12 storey industrial & business bank Huiyang branch office - China

Industrial

- Douglas Pharmaceuticals Stage 2 Liquids and Creams Facility – Auckland
- Huacheng pharmaceuticals – China
- Machining workshop for Dayawan nuclear power plant – China
- 23 storey Xinhui power supply control building – China
- Haide chemical fibre plant – China
- 1500-ton cold storage & ice plant for marine fishery bases Beihai – China
- Coal terminal dust control system for Shantou harbor - China

Retail

- Sylvia Park Business Centre - Auckland
- Stockland, Wetherill Park – Sydney
- 9 storey shops & apartment - China

Health Care

- Bay of Plenty District Health Board, Tauranga Hospital Redevelopment
- Waikato Hospital Histology, Hamilton
- Waitakere Hospital Acute Mental Health Inpatient Unit - Auckland

Residential

- Trinity Apartments – Auckland
- 90-92 Nelson Street Apartments – Auckland

Education

- Tara Anglican School for Girl Senior Learning Centre, North Parramatta
- Presbyterian Ladies College Library Alterations & Additions, Boundary St, Croydon NSW
- Multi-purpose Hall Mount Anna Christian College
- Appleby Road, Junior high School Stage 1 & 2, Albany, Auckland
- Parnell College, 20 George Street, Auckland
- Manaaki Whenua Landcare Research, University of Auckland