

KNOX ADVANCED ENGINEERING



Making the difficult, simple

Knox Advanced Engineering Pty Ltd

Solutions for the Construction Industry
ACN 090 907 789



Bill Liu is a Senior Engineer at Knox Advanced Engineering responsible for, establishing concept designs and leading design teams in services for major commercial, retail and Industrial projects. Bill is responsible for the strategic and technical direction of the company and places a strong emphasis on new and emerging technologies and energy efficient designs.

Bill has also had extensive experience with the design and implementation of low energy cooling/heating systems in Australia, including Displacement Ventilation, Under Floor Air Distribution, Natural Ventilation, Night Sky Cooling and Geothermal Heat pump.

Position in Firm Senior Engineer

Specialisation

ESD and Building Services
HVAC - Mechanical

Key Experience

Management of and concept design in Mechanical Services for all major industry sectors projects.

Provision of ESD building designs.

Education and Professional Status

BEng (Hons) Mechanical engineering
Master of computer science

Experience

Bill has been involved in the concept development, project management and design of mechanical service systems for a wide range of projects including:

ESD

- Mater hospital redevelopment Green Star submission
- Grosvenor place ABERS energy auditing
- Mater Hospital redevelopment CFD modeling

Leisure

- West Foyer, Sydney Opera House
- Galston Dining Hall

Retail

- Orange Metro Plaza
- Pacific Square – Maroubra

Health Care

- Mater Hospital Redeployment
- Little Sisters of the Poor, Randwick

Residential

- Darling Island apartment project

Commercial

- Woolworths Northwest Support Office
- Grantham Poultry Research Station
- 17-19 Bridge St , Sydney

Industrial

- Contract Pharmaceuticals Services Of Australia
- Camellia Recycled Water Project

Education

- Nan Tien Cultural Facilities
- Knox Grammar school boarding house
- Food Science Building, University of New South Wales
- Charles Stuart University Library
- Australian National University Economic School