



Knox Advanced Engineering Pty Ltd

Solutions for the Construction Industry
ACN 090 907 789



Peter Breeden, *Knox Advanced Engineering Pty Ltd.*

Peter joined KAE in 2009 after gaining over 20 years of experience on a wide variety of projects in Sydney, Queensland, ACT and Victoria.

Peter has been exposed to almost all aspects of the HVAC industry in his long career from both consulting and contracting perspectives. He also possesses specialized skills in the areas of psychrometrics, air conditioning load calculation, engineering acoustics, ductwork and piping system design, ESD concepts, commissioning, and has experience in a wide range of engineering software.

Position in Firm

Senior Mechanical Engineer

Specialisation

*Building Services
HVAC - Mechanical*

Key Experience

Peter has extensive experience in the design and documentation of mechanical building services. Peter's expertise encompasses commercial buildings, institutional building, retail and residential complexes, data centres, hotels, casinos and many others.

Education and Professional Status

- Bachelor of Engineering (Mech) — Monash University.
- Member, Australian Institute of Refrigeration Air Conditioning and Heating
- Member, Association of Professional Engineers, Scientists and Managers, Australia.
- Registered on NPER

Project Experience

Offices:

- Masonic Centre, Sydney
- Sydney Central, Sydney
- King Street Wharf, Sydney
- AGSM CBD Fitout, 1 O'Connell Street

Mixed Developments:

- Regency Commercial/Residential development, Wollongong NSW.
- Macalese Transport Centre, Mackay Qld.
- AMC Prison Complex, ACT.
- AIS Canberra, new Hub Building.

Residential/Serviced Apartments:

- Scotts Church apartment development, Sydney
- 111-117 McEvoy St. Alexandria
- 13 Oatley Rd. Paddington Nsw
- Endeavour and Regency towers Pyremont.

Hotel and Club Developments:

- St. Marys Rsl Ex-Servicemens Club
- Railway Square Hotel (Mercure), Sydney
- Star City, Sydney

Retail:

- Westfield Paramatta Shopping Centre
- Canberra Centre extension

Data Centres

- CBA Data Centre, Norwest Business Park (acceptance testing)
- IBM Computing Centre, Norwest Business Park (Upgrade EPP cooling systems)

Health/Research:

- Bigge Street Private Hospital
- Concord Hospital Surgical Diagnostic Centre
- Nepean Hospital Ward Upgrade
- St. George Hospital Psychiatric Unit

Military:

- Williamtown RAAF Base Emergency Power installations
- HMAS Watson, Assets 1 and 8
- Garden Island, Naval Fitness Centre
- Spectacle Island, Maritime Museum

Educational:

- Sydney University, Campus wide fume cupboard assessment and upgrade
- University of New South Wales, Animal House
- University of New South Wales, Biomedical Lecture Theatres

Heritage

- Trades Hall Council Headquarters, Sydney
- St. Matthew's Anglican Church, cnr. Botany Rd. and Lord St., Botany.