

Leonard Lee – Curriculum Vitae



SENIOR ELECTRICAL ENGINEER

BEng (Electrical Honors), CPEng, MIEAust, APEC, IntPE(Aus), IEM, BEM, RBP

HIGHLIGHTS



Leonard Lee's professional career as an electrical engineer started from 1995 in Malaysia. He migrated to Australia in 2007 and further developed his career with local projects in Melbourne. Working in Australia and overseas, he has gained vast experience in building services electrical engineering in both private and public projects. His expertise covers design and specification of electrical distribution systems including electrical power supply, switchboards, lighting, communications system, security & CCTV system, audio visual system including Interactive Team Boards, data projectors, AMX controllers, and fire detection systems.

Leonard was a member of Institution Engineers of Malaysia and he had become a Registered Professional Engineer with the Board of Engineers of Malaysia. Upon migration, he became a member of Engineers Australia and later registered as a Chartered Professional Engineer with Engineers Australia and Registered Building Practitioner Victoria with Building Commission. Leonard also registered as a Professional Engineer with APEC Engineer Register and EMF International Register.

PROFESSIONAL EXPERIENCE

2014 – Present Braird Engineers
Senior Electrical Engineer

Leonard took on a role as a senior electrical engineer enabling the delivery of high quality electrical services.

2009 – 2014 AGB Group
Senior Electrical Engineer

Being the Lead electrical engineer, Leonard supervised electrical services design and documentation, and he was also responsible for multi-discipline engineering project management including fee submission, budget planning and resource planning from concept stage to construction stage of Melbourne local projects. Leonard actively liaised with clients to maintain good relationship. He also provided mentoring to young engineers.

2007 – 2009 Lincolne Scott Australia Pty Ltd (now WSP Asia Pacific)
Senior Electrical Engineer

Leonard joined Lincolne Scott when he and his family migrated to Australia..

Overseas Experiences

2006 – 2006	Setia Haruman	Project Manager
2002 – 2006	Perunding Mtech	Senior Electrical Engineer
1999 – 2002	Enmac Sekutu	Senior Electrical Engineer
1995 – 1999	Jurutera Konsultant (Sea)	Electrical Engineer

MEMBERSHIP OF PROFESSIONAL ORGANISATIONS

Member Engineers Australia (MIEAust)
Chartered Professional Engineer with Engineers Australia (CPEng)
Registered Building Practitioner Victoria - Electrical Engineer (RBP)
APEC Professional Engineer Registration (APEC)
EMF International Professional Engineer Registration (IntPE)
Registered Professional Engineer with Board of Engineers of Malaysia (BEM)
Member Institution Engineers of Malaysia (IEM)



EDUCATION

Bachelor of Engineering (Honours)

FEATURE PROJECTS



University of Melbourne

Various locations
Electrical and fire detection services design and documentation for various projects including lab environment, offices, computer labs, collaborative teaching spaces and workshops



Ballarat Regional Soccer Facility

Ballarat
A significant new landmark for both Ballarat and the region. Construction started in 2012. Provided full building services design with numerous ESD initiatives



Emerald Hill Library

South Melbourne
ESD studies, building services design and documentation for library and heritage centre extension and redevelopment. Design included energy efficient HVAC system, solar powered exhaust fans, solar hot water system and rain water system



Monash University

Clayton/Caulfield/Parkville Campuses
Electrical services design for the refurbishment and upgrade of various facilities including Health Services, Administration, Pharmaceutical Lab, PC2 Animal Lab, Virtual Dispensing Lab and Social Learning space



Highlands Retirement Village

Craigieburn
Managing concept and detailed design of electrical and fire detection services for the new centre including lounge, kiosk, gym, canteen, cinema, dance floor, hair salon, library, billiards, medical consulting suites; and dedicated design for the indoor swimming pool



MFB

Various locations
Managing building services design including power supply, lighting, security, emergency and exit lights, fire detection in electrical engineering for a number of fire stations across Melbourne.



RMIT University

City/Bundoora/Brunswick Campuses
Building services design and project management for the refurbishment and upgrade of various venues; work involved HVAC, power supply, communications, general and feature lighting, fire detection and protection, exit & emergency lights, security, audio visual, acoustic, plumbing and controls



Broadmeadows Community Hub

Broadmeadows
Managed and developed electrical, and fire detection services design for the new centre including offices, maternity consulting rooms, children's area, multi-purpose rooms, commercial kitchen, cold store and lift services



Kangan Batman TAFE

Broadmeadows Campus
Tri-generation study for the entire Broadmeadows Campus in 2011, involving assessment of options for power, cooling & heating, and tri-generation plant