

John Fournas – Curriculum Vitae



SENIOR ELECTRICAL ENGINEER
BEng (Hons) CEng, MIET, MCIBSE, CEng, FIEAust, RBP

HIGHLIGHTS



John is an experienced Electrical Engineer and a Leader in his profession. John began his career as an apprentice Electrician in the UK before moving into the Electrical Design sector.

Since then John has gained extensive Electrical Design, Management and Engineering experience in a variety of projects both in the private and public sectors within Australia, the UK, Europe, Middle East, and the Falklands. John's motto is to put Clients first and to deliver a first-class project.

John is a Chartered Professional Engineer both in the UK and in Australia and has reached the position of Fellow within Australia. John is also a Registered Building Practitioner with professional expertise as follows:

- Building Services Electrical Design and Project Management.
- Electrical Design Management
- Building Services Testing, Commissioning and Maintenance
- Environmentally Sustainable Design (ESD)

PROFESSIONAL EXPERIENCE

2019 – Present Braird Engineers Senior Electrical Engineer

Senior Electrical Engineer responsible for Electrical Design and Electrical Professionalism within Braird Engineers. John has been employed to assist in the delivery of the quality of projects and to assist the Project Director in the planning, design, project management and delivery of many diversified projects.

2017 – 2019 Waterman AHW Group Senior Electrical Engineer

Senior Electrical Design Engineer for the Building Services Team in the design and project Management for Institutional, Commercial, Retail and Industrial projects. Main clients included RMIT University, ANZ Bank, Victoria Netball & Basketball Association, MSAC and various government authorities.

2011 – 2017 Hill International Project Managers and Consultants Senior Project Engineer (Electrical)

Senior Electrical Design Engineer in the Building Services Design Team for the Design Review and Construction Management for the King Abdullah Financial District worth 30 Billion US Dollars including various high rise office/commercial buildings and various attraction buildings and also the new Riyadh Metro System worth 100 Billion US dollars involving 96 new high level, ground level and underground stations including 3 new depots.

2010 – 2011 WSP Townsville Associate Electrical Engineer

MEP Manager for the Building Services Team for Detailed Design, Site Supervision and Construction Management for Institutional, Commercial, Retail and Industrial projects. Main clients included James Cook University, Australian MOD, Brisbane General Hospital, Launceston General Hospital and various other government institutions.

2007 – 2010 WS Atkins Middle East Associate Electrical Engineer

Associate Electrical Engineer responsible for the Building Services and Drafting Team for the detailed Design and Construction Management for Various High Rise Residential and Commercial Developments. Main clients included Nakeel Management Pty Ltd. Jebel Ali Ports Authority and various other government authorities.

2005 – 2007 NDY Melbourne Senior Electrical Engineer

Senior Electrical Design Engineer for the Building Services Team in the detail design and Site Management for Institutional, Commercial, Retail and Industrial projects. Main clients included Victoria Racing Association, 80 & 120 Collins Street Management Developments, AON Insurance, ANZ Bank, and various other government authorities.

EDUCATION & MEMBERSHIP OF PROFESSIONAL ORGANISATIONS

Bachelor of Engineering (Hons), UK, Electrical Power Engineering
Chartered Professional Engineer, UK (CEng)
Member of the Institution of Electrical Engineers (MIET)
Member Chartered Institution of Building Services Engineers (CIBSE)
Fellow Institute of Engineers Australia (FIEAust)
Chartered Professional Engineer with Engineers Australia (CPEng)
Registered Building Practitioner Victoria - Electrical Engineer (RBP)



FEATURE PROJECTS



Melbourne Airport

Electrical Design and Construction Management for new Departure & Arrival lounges, Airbridges, Retail Outlets and new Baggage Handling Hall. This involved HV Equipment and Cabling Upgrade including the new Building Services and specialised equipment installations. Other works included enabling works.



Eureka Tower Melbourne

Electrical Design and site supervision for new Multi Storey Multi Use Eureka Tower complex. This included Retail, Commercial, Residential and Entertainment areas. The design works included the new Building Services and specialised equipment installations. Other works included the site supervision and fit-out works.



Southern Cross Station Melbourne

Electrical Design and Construction Management for the new Southern Cross Railway Station. This involved new HV Equipment and Cabling Upgrade including the new Building Services, specialised equipment areas and new retail and commercial outlets.



Launceston Hospital Tasmania

Provision of new Building Services, Detailed Design and Project Management for the new MRI scanning facilities and new Short Stay ward facilities. This work included the upgrade of the existing HV Sub-Station and HV equipment to provide power to the new facilities and liaising with authorities involving permits and approvals



Monash University

Survey of the existing facilities with a view to providing new electrical installation for a new Sports facility and new IT facility within the existing campus. This involved the new Electrical Detailed design and site supervision for new installations including final inspections and handovers.



ANZ Data Centre Melbourne

Electrical Detail Design and Site Supervision for the upgrade of the HV Electrical Sub-Stations and Standby Power Plant for the upgraded ANZ Data Centre. This involved new HV Equipment and Cabling Upgrade, New Standby Generators, New Rotary UPS units and included the Building Services for various associated fit-out works.



Dubai Metro UAE

Electrical Detailed Design and Construction Management for the new Dubai Metro System including the new Building Services Detailed Design for new stations and retail areas. These works also involved new HV Equipment and Cabling installations designs for new General Sub-Stations and Traction Sub-Stations to operate the new system.



British Airways HQ London

Electrical Detailed Design and Construction Management for the new Compass Centre HQ for British Airways in London. This involved liaising with the client as to their specific requirements including sophisticated Building Services & Data and Communications Equipment Installation.



Almaza City Centre Mall Cairo

Electrical Design Review and Construction Management for the new Almaza Shopping Mall in Cairo Egypt. The design involved 12 No. new 22kV Sub-Stations and 1 No. 66kV Grid Sub-Station which included GIS type HV switchgear. The Mall includes the fit out of the main core & Retail areas.