

KEVIN KARAMAD

Mobile: 0438 699 069

PROFILE

Civil engineer with more than 15 years experience in tram and train Overhead tractions systems, structural design and civil design. Worked on a variety of projects including detail design of all major Melbourne tram depots and Adelaide Glenelg Extension, design review of Docklands Dr elastic system, Overhead detail design for NSW Homebush turnback and the Richmond Overhead rehabilitation.

TECHNICAL SKILLS

- Design and construction supervision experience in tram and train projects;
- Extensive project management experience in Overhead projects;
- In-depth knowledge of Overhead wiring, cable routes and support structures;
- Sound knowledge of earthing, bonding and protection concepts in rail environment;
- Railcorp authorised OHW design engineer, competent in CCALC & Dropper software;
- Good knowledge of Yarra Trams & Mainco design requirements;
- Fully developed people and organizational management skills;
- Ability to undertake qualitative and quantitative research;

QUALIFICATIONS & CERTIFICATES

- Bachelor of Civil Engineering (Structural Design)
- Project Management Level 2
- Quality Assurance Training
- Train track safety awareness Level 1

PROFESSIONAL MEMBERSHIPS

- Engineers Australia
- Railway Technical Society of Australasia (RTSA)

IT SKILLS

CAD Design: MicroStation, AutoCAD

Project Management: Ms Project

Administration: Ms Office package

Programming: Visual Basic

PROFESSIONAL EXPERIENCE

Light Rail Consultants Pty Ltd, Melbourne, Australia

2008 - present

Senior OHW Design Engineer - Director

Projects

- High St - Route 86 - Phase 2
- Travancore - Mt Alexander Rd
- Queensbridge St Feeder relocation
- Clyde level crossing, design the new wires profile
- Spencer St. intersections
- Southbank depot
- Bridge Road
- Lynbrook, Williams landing & Cardinia station – Design review
- Harbour-Esplanade Phase 1 & 2
- Spring-Collins & Flinders St. intersections
- Park-Clarendon intersection
- Brunswick Feeder design
- Luna Park Overhead upgrade, Domain interchange design

Sinclair Knight Merz Pty Ltd, Melbourne, Australia

2004 - 2008

Senior Overhead Wiring Design Engineer - Project Manager

Projects

- Conceptual design for the Coolaroo station;
- Craigieburn & Cranbourne stabling design review;
- Lead designer for William-Flinders-Market OHW design;
- Adelaide tram upgrade construction supervision;
- New Aerial Feeder arrangement at Maribyrnong substation;
- Westall, Craigieburn, Cranbourne, Clifton Hill OHW design review;
- New Zealand trolley bus asset management plan & maintenance contract;
- Tram track asset condition study for Yarra Trams;
- Wellington NZ, trolley bus asset condition review;
- Collins St tram extension OHW review;
- Glenhuntly-Hawthorn Overhead detail design;
- Lead design engineer for Adelaide Glenelg extension (1.6km);
- Glenelg depot upgrade and OH upgrade of various tramway network including Dandenong-Hawthorn intersection, Mt Alexandra-Fletcher;
- Lead Overhead design engineer for Brunswick, Kew, Glenhuntly & Essendon depots;
- Overhead detail design for NSW Homebush turnback;
- Railway transmission line at Clifton Hill & Greensborough;
- Bridge-Burwood-Church intersection & Melbourne University;

- Design for 1500VDC Overhead rehabilitation of Richmond junction;
- Overhead detail design for Docklands Extension;

Simonetto & Associates Pty Ltd, Melbourne, Australia **2002 - 2004**
Structural Engineer

Construction Engineering / Development **2000 - 2002**
Site Engineer

Iran Mellas Co., Mashad, Iran **1998 - 2000**
Commerce Manager

Construction Engineering / Development **1996 - 1998**
Site Engineer

ACHIEVEMENTS

- Became a member of SKM Overhead wiring review panel;
- Yarra Trams authorised OHW design engineer;
- Nominated for CEO Medal for Outstanding Client Service 2007;
- Nominated for Jack Knight Awards for Excellence in Professional category;
- Developed computer programs for overhead elastic design using Excel;