



CURRENT POSITION

Principal Engineer & Director
BOWest Pty Ltd

EXPERTISE

The following activities with respect to Power Transformers & Reactive Plant:

- Preparation and review of Technical Specifications
- Factory capability assessments
- Tender reviews and appraisals
- Factory quality audits
- Technical liaison with manufacturers
- Drawing reviews
- Design reviews
- Review of Inspection and Test Plans (ITPs)
- Factory progress inspections
- Witnessing of Factory Acceptance Tests (FATs)
- Review of FAT reports
- Site assembly inspections
- Witnessing of Site Acceptance Tests (SATs)
- Review of SAT reports
- Technical support and mentoring

Trevor Bowland

AFFILIATE

Summary of competencies

Trevor has more than 35 years experience in electrical power engineering, having worked within the plant manufacturing, power generation, mining and power utility industries. In his previous role as Principal Engineer with Western Power he was the technical specialist for power transformers and reactive plant.

His extensive experience of power transformers covers: preparation of technical specifications, factory capability assessments, tender appraisals, factory quality audits, technical liaison with manufacturers, drawing reviews, design reviews, review of inspection and test plans, factory progress inspections, witnessing of factory acceptance tests, review of factory acceptance test reports, site assembly inspections, witnessing of site acceptance tests, review of site acceptance test reports, and also the mentoring of technical staff to build technical capabilities.

In 2014, Trevor has returned to operating as an independent consultant through his company BOWest Pty Ltd, which he established in 1993.

Trevor has been an active member of Standards Australia Committee EL-008 (Power Transformers) during his time with Western Power, when he represented the Energy Networks Association (ENA). He has also served on Cigré Technical Committee AP-A2 (Transformers).

References

Walter WASINGER – Transformer Consultant

Wasinger Transformers Pty Ltd

+61 (0)2 9546 6416 walter.wasinger@wasinet.com

Kevin NEWMAN – Senior Expert Design for Quality

Power Transformers R&D – Alstom Grid

+61 (0)7 3274 7629 kevin.j.newman@alstom.com

Ray HOLZHEIMER – Senior Substation Field Support Engineer

Operations and Field Support – Powerlink Queensland

+61 (0)7 3860 2084 rholzhei@powerlink.com.au

Rob MILLEDGE – Technology Manager

Power Transformers – ABB Australia Pty Ltd

+61 (0)2 9821 0119 rob.milledge@au.abb.com

Deepak MAINI – Electrical Design Manager

Wilson Transformer Company Pty Ltd

+61 (0)3 9560 0411 deepak.maini@wtc.com.au

Peter AUSTIN – (Retired) Principal Engineer Reactive Plant & Machines – SP AusNet

www.au.linkedin.com/pub/peter-austin/74/691/6b5