
Rick Kreeck—

Associate Director



Experience Overview—

Rick Kreeck is the national team leader for BG&E Materials Technology, with operations across Australia and the Middle East. As business leader, Rick has been responsible for the business since its inception in 2012 to its current status as one of the largest materials consultancies in Australia. Rick's team has worked on projects in a number of countries around the world, and have worked at all stages of asset planning, design, construction and operation.

Rick has played a role on major projects including the Pacific Highway upgrade, Roy Hill, Sydney Metro, Ichthys, Sydney Opera House VAPS, Abu Dhabi Islamic Bank and Wembley Stadium.

Rick's work has ranged from pre-construction advice on materials and durability to resolution of issues during or after construction. Rick has also worked as an Expert Witness on a number of matters, and provided support to other team members acting as Expert Witnesses. He has worked with multinational contractors and materials suppliers, and is active in industry forums.

Rick worked for more than 10 years at Readymix and Rinker Australia in a wide variety of roles, including work on some of Australia's largest and most complex infrastructure projects, including CityLink Melbourne, Eastern Distributor, World Tower, the M7, Epping to Chatswood Rail Link and the Lane Cove Tunnel.

He has lectured on Concrete Technology, served on Standards and Specifications Committees and managed research projects leading to the development and commercialisation of new concrete mixes utilising recycled materials. Rick also worked for more than five years as a Senior Manager in the Research and Development team at EY. He provided advisory services to support R&D undertaken by a number of key companies in the construction industry, including Meritons, Grocon, MacMahon Contractors, Hindmarsh Constructions and CIC.

Position—

Associate Director
BG&E Pty Ltd

Qualifications—

- 2001–2005 MBA (Executive)
- 1990–1994 Bachelor of Engineering

Career Milestones—

- 2016 / Appointed Associate Director of BG&E Materials Technology
- 2012–2015 / Associate and Team Leader BG&E Materials Technology
- 2007–2012 / Senior Manager EY
- 2006–2007 / Appointed Project Manager of Rinker Australia
- 2005–2006 / Appointed Business Development Manager of Rinker Australia
- 2003–2005 / Appointed Technical Manager of Rinker Australia
- 2002–2003 / Operations Support Manager of Rinker Australia
- 1999–2001 / Appointed Production Manager of CSR Construction Materials
- 1997–1999 / Engineer Manager of CSR Construction Materials

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Selected Detailed Project Experience—

Rick has extensive involvement in a number of large infrastructure and building projects, including:

Sydney Metro Northwest – SVC and OTS packages

Rick has led teams to provide construction phase support to the designers and contractors working on these packages. These teams have ranged up to a headcount of 15, covering various aspects of project delivery including condition assessment, specification conformance, durability, precast production and reporting. This work has assisted in resolution of various issues that have arisen during construction, in order to minimise delays associated with rectification works.

Pacific Highway Woolgoolga to Ballina Portion A

Rick managed the commercial and contractual element of the design delivery portion of the project, in conjunction with GHD. This work included regular interaction with the design team, project management and Pacific Complete (the delivery partner), in order to ensure that contractual requirements were met and the financial objectives of the project were met.

World Trade Centre – Jakarta

Rick attended site to assist the developer in identifying construction issues and developing a strategy for remediation. This work included investigation of the various elements of the construction industry supply chain in Jakarta, and working closely with local and foreign companies in developing a remediation strategy.

Roy Hill Package 4: Port Marine – Port Headland, Shanghai

Rick was responsible for the approval of concrete mixes and developing a Quality Management Plan for McConnell Dowell, such that the Project Specification could be achieved. This included auditing of manufacturing facilities in Shanghai, witnessing of concrete trials, developing a protocol for acceptance of Chinese Standards and Test Methods in Australia, and assisting with production and construction issues as they arose.

Sydney Opera House VAPS – Sydney

Rick worked with the head contractor – John Holland – in assessment of the structure to determine whether the specified service life of 160 years could be achieved. This involved interpretation of test data, extensive research of similar structures around the world and preparation of documentation to facilitate acceptance of the structure by the Sydney Opera House. Additional work was also undertaken based on the visual appearance of the concrete structural elements, based on specified requirements.

Ichthys LNG Project – Darwin

Rick attended the site at short notice to inspect construction activity and develop construction and staging programs in conjunction with Laing O'Rourke and Inpex. This related to the construction of large LNG cryogenic storage tanks using slipform technology. Based on the program developed, construction proceeded with no delay to program and to the satisfaction of all parties.