

Charles Allen



Director

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Fellow, Concrete Society

Member, Institute of Concrete Technology

BSc (Eng) Civil Engineering

Expertise

Design and manufacture of pre-cast and in-situ concrete; sprayed, in-situ and segmental tunnel linings; design and establishment of segmental lining factories; in-situ concrete; tunnel backfill grouting; structural waterproofing; fire protection engineering; construction logistics; quality management; strategic planning; business development; sales and marketing; financial control; market analysis;

Summary

Charles is a leading specialist in concrete technology and construction materials engineering with over 30 years experience. His experience includes the use of concrete for civil, building and product manufacturing applications. Formerly the Managing Director and Head of Underground Construction for MBT in Hong Kong and the Far East, he was responsible for both delivering innovative technical solutions and sales. From 1997, he was the Regional Underground Projects Manager for Sika Asia-Pacific where he successfully introduced a systems approach to improve the durability of concrete segments for the Singapore MRT.

In 2000, he was appointed of Managing Director of the International Centre for Geotechnics and Underground Construction based in Zurich, a foundation responsible for the training and qualification of staff for tunnelling projects.

More recently, Charles has been involved as a consultant to a number of different organisations, within both building and civil engineering, delivering improvements to construction performance and quality, both on-site and in the factory, through the use of advanced concrete and casting technologies.

Charles was the recipient of the Concrete Society Award in 2004 for his work on ready-mix concrete for the redevelopment of Kings Cross Station.

Notable Projects

- The Dome Redevelopment, London
- Bankside Development, London
- Channel Tunnel Rail Link
- Kings Cross Redevelopment, London
- Petronas Towers, Malaysia
- Canary Wharf, London
- Island Line, Hong Kong MTR
- North East Line, Singapore MRT
- SMART Project, Malaysia