

NAME: David Lee
POSITION: Principal Process Engineer
PROFESSION: BSc (Chem & Science), MBA (Tech Mgt)

OVERVIEW

Experienced chemist and process engineer with over 35 years of experience in coal testing, coal preparation and mineral processing.

KEY SKILLS

- Design and implementation of innovative processes including equipment selection, layout and control
- Expert witness involving coal preparation
- Mine acquisition support and due diligence in coal quality and coal preparation plants
- Design of process plants and process plant modifications – coal and iron ore
- Evaluation of coal and mineral deposits from processing/product perspective
- Assessment of magnetite supply options for coal mines
- Preparation and presentation of coal beneficiation process technical papers

RECENT ASSIGNMENTS

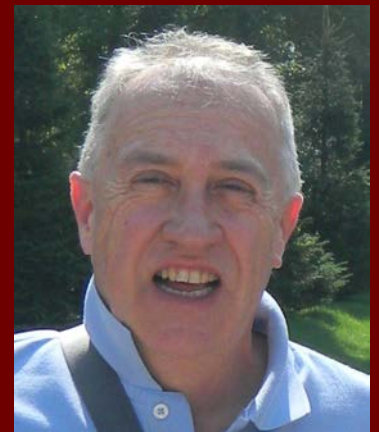
- Rio Tinto – Hail Ck high throughput screen design & commissioning
- Glencore – Ravensworth module 2/3 commissioning
- QCC Resources – Design process & layout of 1500 t/h single module CPP
- Wesfarmers – Commissioning & Operation of new 1800 t/h CPP2
- Anglo American – Commissioning of Drayton CPP upgrade
- Curtain Bros (Qld) – Design 170 t/h magnetic “wet” plant for iron ore
- Curtain Bros (Qld) – Design and commission 35 t/h magnetite milling plant then design upgrade to 100 t/h with second mill
- Monto Minerals – Design 15 t/h magnetite milling section for Goondicum mineral sands plant
- Unimin Australia – Process innovations at Tallawang magnetite mill to simplify process and increase throughput by 30%
- Warkworth Mining – Concept design CHPP upgrade

EXPERIENCE

Company: Mineral Innovations Pty Ltd
Position: Consultant and Director
Date: 2007 to Present
Duties: Development of innovative solutions to coal and iron ore processing projects
Contracted to QCC Resources as Principal Process Engineer

Company: Unimin Australia Limited
Position: Technical Manager/Sales & Marketing Manager - magnetite
Date: 1999 to 2007
Duties: Manage magnetite business and support customers

Company: Coal Processing Innovation Pty Ltd
Position: Principal Consultant, Director
Date: 1998 to 1999
Duties: Consulting in coal quality and coal preparation innovations



AREAS OF EXPERTISE

- Resource Evaluation
- Operations & Maintenance
- Contract Management
- Process Plant Design and Commissioning
- Innovation Management

EDUCATION AND TRAINING

- BSc (Chem & Geol),
- MBA (Tech Mgt)
- Advanced Coal Prep

Memberships

- Member of Australian Coal Preparation Society
- Member of Standards Australia Committee for Coal Preparation

Contact Details

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