

Brisance Mining Solution Pty Ltd

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Education

University of New South Wales 1998

Bachelor of Engineering
(Mining Engineering)

Career Overview

- Manage technical teams with up to 27 reports across open cut coal, metals, underground, quarries and construction markets
- Supervise and lead technical investigations and product stewardship
- Managing and reducing environmental impacts from blasting
- Field evaluation of new explosives and initiation system technologies
- Production engineer

Work History

Position: **Director Brisance Mining Solutions Pty Ltd**

- Drill & Blast Superintendent Pilbara Rail project
- Contract Drill and Blast engineer multiple Open cut Coal sites

Position: **Specialist Engineer: WebGen East Coast**

- Develop, negotiate and implement opportunities to demonstrate Novel Wireless blasting technology to the mining industry

Position: **Territory Manager NSW, VIC, TAS Metals Market**

- Negotiation and execution of explosive supply contracts for the South East Australia metals market
- Responsible for the operational and technical implementation of contract obligations while maintaining high safety standards and contract profitability

Position: **Technical Services Manager: Eastern Australia Metals**

- Manage a technical team of 27 reports across underground, open cut, quarries and Construction markets
- Ensure delivery of high value projects and contract obligations from a technical perspective, including the review and approval of technical reports and blast designs
- Supervise and lead technical investigations, product stewardship and consult with business partners regarding customer strategy for business growth and retention

Position: **Technical Services Manager: New Products**

- Manage a team of 9 reports across the Australian region to deliver market conversion to electronic blasting systems
- Develop and implement adequate and appropriate training and clear implementation strategies for market penetration in each region
- Lead the product stewardship of all new products including investigations, reliability of products and continuous improvement of manufacturing plants

Position: **Senior Technical Services Engineer**

- Lead the identification of opportunities for optimisation of blasting and delivering value on customer sites
- Development of Blast Management Plans for execution
- Support and advise peers and lead incident investigations
- Coordination and delivery of industry training programs such as safe and efficient blasting course and blasting fume training

Position: **Senior Technical Services Engineer New Zealand**

- Technical advisor on New Zealand management team
- Lead the identification of opportunities for optimisation of blasting and delivering value on customer sites
- Development of Blast Management Plans for execution, approval of blast designs and lead incident investigations
- Coordination and delivery of industry training programs such as safe and efficient blasting course, shotfirer mentoring and sign off
- Mentoring, training and development of graduate engineers

Position: **Senior Drill and Blast Engineer**

- Development and implementation of drill and blast procedures to allow production blasting with blast clearance zones down to 200m from major infrastructure
- Manage vibration, fly rock, voids and hot reactive ground above an active underground mine
- Daily design of blast patterns and initiation sequences to meet production requirements and environmental constraints
- Assist planning engineers with development and implementation of production schedules
- Manage quality control function of drill and blast operations and deliver improvements relating to on bench operations through drill and blast supervisors

Position: **Project Engineer**

- Management of all contractors associated with the redevelopment of an ageing Quarry at an operational level
- Approval of all blast designs and earthworks plan to construct long-term stable landforms and quarry walls ready for industrial redevelopment
- Manage wall stability and compliance to environmental limits
- Ensure ongoing quarry business continued to operate profitably while redevelopment was completed

Position: **Production Engineer**

- Development and implementation of drill and blast designs to achieve production targets and maintain stable high walls
- Review and redesign of pit walls and ramp systems to achieve operational requirements
- Short and medium-term planning, end of month reporting and cost control

Position: **Production Supervisor**

- Supervision and management of long-term and day work contractors to ensure production plan for the quarry were delivered safely, on time and to budget
- Developing and maintaining mine safety management plan and ensuring all contractors were compliant.

Personal Qualities

- Adaptable
- Ability to work well under pressure
- Work well within a team environment or autonomously
- Excellent communication and organisational skills
- Excellent leadership qualities