

DALE JOSEPHSON • Senior Project Manager



Senior Project Manager with more than 20 years' experience in the project engineering, construction and project management arena within the mining, infrastructure and utilities sectors.

Major Achievements

- Project Manager for feasibility phase for ASM for the Dubbo Project, Australia. Maintaining approvals, securing water licences and other site related issues pertaining to tenement management, community liaison, updating DFS and overall co-ordination of Dubbo project activities
- Package Manager for feasibility phase of Silangan Copper-Gold Mine Project, Philippines. Responsible for managing the process component of the project during the DMPF and DFS phases including review and addressing of technical information and issues
- Client Representative, Project Manager and Project Engineer on world first sub-sea copper-gold mining project. Project managed ore sales agreement execution including negotiation and liaising with Chinese smelter company to build a concentrator in China
- EPCM contractor Construction Manager of Motorway Tolling project including management of design, fabrication and construction of tolling systems
- Management of design, tendering, fabrication, and construction for an underground mine ventilation project including liaising with mining teams, contractor management, shutdown planning and execution
- Area Superintendent, project and construction management on the Goonyella Riverside Mine Production Facilities Upgrade Project and Administration Complex Upgrade Project
- Asset / maintenance management for BHP Billiton, Mount Isa Water Board, Gladstone Area Water Board

Qualifications

- Bachelor of Mechanical Engineering
- First Class Welding Certificate
- Boilermaker Certificate
- Certificate II – Aquatic Rescue

Key Skills

- Owner / Client representative
- Contract Superintendent
- Project management
- Construction management
- Budgeting and estimating
- Project planning and scheduling
- Contract management
- Cost control
- Feasibility studies
- Project reporting
- Risk management
- Quality control
- Logistics management
- Procurement contracts
- Health, Safety and Environment
- Liaising with stakeholders
- Tender management
- Commissioning planning and execution
- Shutdown planning and execution

Career Overview

2001 – Present	BDR Projects	Senior Project Manager / Consultant
1997 – 2000	Fluor Daniel Pty Ltd / Xstrata Mt Isa Mines Limited / Xstrata Enterprise Mine	Field Engineer (Mechanical)
1995 – 1996	Davy Kinhill Fluor Daniel Lihir Gold Project	Construction Engineer PNG / Mechanical Design Engineer
1993 – 1994	Capricorn Coal Management	Mechanical Engineer
1990 – 1994	KML Industrials	Boilermaker / Welder Tradesman
1985 – 1989	Cobar Mines Pty Ltd	Apprentice Boilermaker

Contact

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Professional Record

2001 – Present – BDR Projects *Senior Project Manager / Consultant*

Duties and project responsibilities include:

Nautilus Minerals

Client representative project engineering and project management services for the development of the world's first sub-sea copper-gold mine. Duties including concepts development, feasibility studies, and engagement of contractors and consultants

- Assessment of ore transshipment options from sea based mining vessel to onshore PNG, including port options, liaising with local and government stakeholders
- Package Lead for the preliminary and detailed design of ship based ore dewatering and ship loading plant and procurement tender processes for major equipment and construction contracts
- Project Manager for ore sales including the negotiation and finalisation of an ore sales agreement with a Chinese metal smelting company, management of technical and commercial processes to agree concentrator design criteria and flow sheet. Management of metallurgical test work program to support negotiations and general project resource understanding

Thales (QLD Motorways)

Construction Manager for the fabrication and construction of motorway tolling systems including shutdowns on the Logan and Gateway motorways. Duties included management of civil, structural, mechanical and electrical discipline engineering consultants and contractors. Liaison with client and authorities on traffic closures and management.

North Parkes Mine (Rio Tinto)

Project Manager for the upgrade of underground ventilation systems for new E48 Block Cave Project. Duties included management of design, tendering, fabrication and construction consultants and contractors. Onsite management of underground contractors, inspection and expediting manufacture and supply vendors. Project cost and time management, and reporting.

Goonyella Riverside Mine (BMA)

Project and construction management of production facilities upgrade project including the design and tender processes for heavy vehicle workshops, fuelling facilities, wash stations, office complex, bath houses and redundant facilities demolition. Construction management and general liaison with operations, contractors, consultants and vendors.

Maintenance planning and inspection of mine water supply and reticulation systems.

Regional Water Authorities (Mount Isa Water and Gladstone Water)

Project management services including contract management and construction management as Principal's representative on various projects for a large regional Queensland water board, including capital works investigation, feasibility studies, design recommendations, scopes of work, tender compilation, tender analysis and recommendation, and construction management.

2000 – 2000 – Fluor Daniel Pty Ltd / Xstrata Mt Isa Mines Limited
Field Engineer (Mechanical)

Duties and project responsibilities included:

- Project engineering activities for construction and maintenance of underground mining works
- Site investigation of client problem / enhancement requirements
- Conceptual and detailed design
- Cost estimating
- Scheduling
- Presentation of concepts
- Cost and schedule compilation for client
- Logistics planning
- Equipment purchasing
- Contract compilation for tender issue
- Tender review
- Tender recommendation and contract award
- Contract administration
- Construction supervision
- Commissioning management

1997 – 2000 – Fluor Daniel Pty Ltd / Xstrata Enterprise Mine
Field Engineer (Mechanical)

Duties and project responsibilities included:

- Project management activities including supervising contractor compliance to construction safety procedures, drawings, specifications, schedules, quality plans and commissioning
- Trouble shooting construction problems and expediting contractors and vendors
- Expediting construction activities
- Performing constructability reviews
- Performing risk analyses on construction activities
- Resolving design errors and omissions
- Design for additional works and field modifications to piping, structural and mechanical equipment
- Compiling and issuing field instructions including scopes of work and estimates for quotations
- Evaluation of quotations and claims
- Commissioning and Punch listing

1995 – 1996 – Davy Kinhill Fluor Daniel / Lihir Gold Project
Construction Engineer PNG

Duties and project responsibilities included:

- Resolution of contractor technical queries
- Provision of technical support directly to Construction Manager
- Identification of potential construction problems and determining remedial action required
- Liaison with design office and vendors
- Design of field modifications to piping, structural and mechanical equipment
- Resolution of design errors and omissions
- Coordination of site document control
- Issue of documentation to contractors and client

1995 – 1996 – Davy Kinhill Fluor Daniel / Lihir Gold Project

Mechanical Design Engineer

Duties and project responsibilities included:

- Design work including pipe loss calculation, pumping requirements and fixed and mobile equipment selection
- Writing technical specifications
- Writing purchase orders for fixed and mobile equipment
- Bid evaluation
- Bid recommendation
- Computer modelling of the continuous and batch carbon elution circuit energy consumption and performance
- Heat transfer analysis of autoclave vessel linings
- Compilation of commissioning, insurance and operating spares
- Management of project equipment list
- Site access study for mobile cranes
- Equipment plant maintenance
- Drafting supervision and general checking of P&ID's and general area layout drawings

1995 – 1996 – Capricorn Coal Management

Mechanical Engineer (Practical Experience)

Duties and project responsibilities included:

- Miscellaneous design tasks in the coal preparation plant, site water control system, diesel unloading station and heavy mobile equipment workshops
- Updating of site water management process flow diagrams
- Design and drafting of diesel unloading station piping modifications
- Design and drafting of Terex Haul truck planetary cover level indicators
- Design and drafting of tailings over flow water metering manifold
- Calibration of flocculant tank capacities in coal preparation plant
- Installation design of heavy mobile equipment workshop wash down water booster pump into existing potable water pipeline

1990 – 1994 – KML Industrials

Boilermaker/Welder

Duties and project responsibilities included:

- Working in various minerals processing plants and underground facilities and the Endeavour (Elura) Lead Zinc Mine and Peak Gold Mine

1985 – 1989 – Cobar Mines / CSA Copper Mine

Apprentice Boilermaker

Duties and project responsibilities included:

- Metal fabrication and welding trade training in and underground copper, lead and zinc mine. Areas worked included concentrator, maintenance workshops, shaft maintenance crew, underground maintenance of hoisting, crushing, materials handling and dewatering systems