

Dirk Booy

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PROFESSIONAL SUMMARY

Adaptable and driven Chemical Engineer with over nine years' experience in project development, primarily within the mining industry.

EDUCATION

Qualification

- BA Engineering (Chemical)
James Cook University, Townsville

Courses

- HAZOP Study for Team Leaders and Team Members, *IChemE, Brisbane, 2013*
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EMPLOYMENT

October 2013 – Present

Studies Engineer, Project Development & Studies

Rio Tinto, Brisbane

As a key member of the pacific operations project development & studies team, I had the opportunity to experience a diverse range of roles from engineering design & cost estimation (capex / opex) to financial modelling & analysis, on a number of development projects.

Duties

- Provision of engineering advice and guidance in order to ensure project needs are performed
- Financial modelling
- Development of high level capital and operating estimates
- Preparation of project documents;
 - Reports & presentations
 - Workshop preparation
 - Schedules
 - Budgets, proposals & funding requests
 - External documents for contractors and suppliers (RFP, RFI, Project briefings, etc)
 - Remote fieldwork planning (JSEA & ERPs)
 - Working in remote locations – exploratory fieldwork investigations

August 2010 – October 2013

Process Engineer

Calder Maloney, Brisbane

Throughout my employment at Calder Maloney I developed a broad engineering skill base and gained experience working on a number of projects. In this role I assisted senior process engineers to prepare deliverables for drawings, data sheets, specifications, manuals and tender documentation.

During my time at Calder Maloney I gained experience in

- Process development
- Preparation and review of engineering documents (PFDs, P&IDs, Design criteria, Equipment and instrument specification, datasheets)
- Preparation of study documents
- Preparation of capital and operating cost estimates
- High level economic analysis
- Document control
- Market Research

August 2010 – January 2011, July 2013 - October 2013

Network Administrator

For the initial employment at Calder Maloney I was also responsible for the network administration & IT for the company. I resumed this role towards the end of my employment to assist in the winding down / closure of the company.

Duties

- Network administration, day to day system maintenance and technical support
- Website development, upkeep
- Social media marketing and online advertising
- Software and hardware procurement and management
- Overseeing the business wind down / closure and distribution of IT assets between the business partners.

August 2009 – August 2010

Crew Member / Crew Trainer / Back Crew Co-ordinator / Trainee Manager

Mc Donald's, Salisbury

Duties

- Manage back of house staff, inclusive of training staff, delegating duties to staff on shift, ensuring procedures are followed correctly and in a timely manner, performance managing staff not performing duties in a sufficient manner)
- Stock receipt
- Store POS reconciliation (end of day/start of day)
- Work Place Health and Safety representative
- Cooking / Cleaning / Customer service

Achievements

- Crew member of the month – November 2009
- Crew member of the quarter – Q4 2009
- Back crew member of the year – 2009

November 2006 – February 2007

Undergraduate Chemical Engineer (vacation work)

Thomas Borthwick & Sons Abattoir, Mackay

For my university vacation practice, I completed a 13 week long project to physically map out and draft a 3D AutoCAD model of the water pipe network at Thomas Borthwick & Sons.

Skills Developed/Responsibilities

- Manage a project under limited supervision
- Identify and document water flows within the site
- Develop a 3D Piping diagram using AutoCAD software
- Final project report and seminar for vacation practice program

Other Experience**February 2017 – Present****Tournament Director (SBC Pinball)**

I am the tournament director for the SBC Pinball monthly tournaments, which are endorsed by the IFPA (the global governing body for competitive pinball) .

- Run monthly events
- Organise prizes
- Results submissions
- Run the social media page

REFERENCES

References will be supplied on request.