

Vocational Pathways At DP

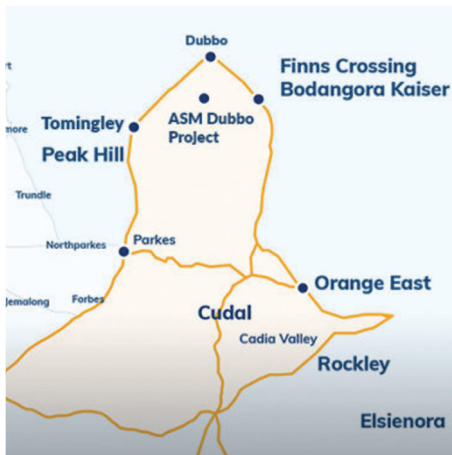
Learn more about the vocational pathways at Alkane and explore the education and experience you require to work with us.



Resourcing tomorrow's technology

About Alkane

Alkane Resources Ltd is an ASX and OTCQX (US) listed multi-commodity mining and exploration company with a focus on gold, zirconium, niobium and rare earths. Our projects are located in the Central West of New South Wales, in eastern Australia. Through our subsidiary Australian Strategic Materials, we are developing the Dubbo Project (DP), an exciting project based on one of the world's largest in-ground resources of rare metals and rare earths. Due to the size of the resource, the mine is expected to process 1 million tonnes of ore throughput per year over a period of 70 years or more.



Taking care of the environment

Alkane Resources has a longstanding commitment to the environment. We invest heavily into preparing the land in and around our project sites before we start work, maintaining it throughout the life of the project, and rehabilitating it after the job is completed. As an Australian company with team members based throughout the Central West of NSW, we're focused on ensuring that we nurture and enhance our project sites by developing existing natural resources and undertaking offsetting activities to counteract the environmental impacts of our activities.

Giving back to the community

Alkane is heavily involved with the communities living in proximity to our project sites. The presence of a mining project often means an influx of people, and an influx of spending, into the local area, and we're committed to ensuring that this spending benefits local people and local businesses. Our staff shop locally when they can, providing a boost for local businesses, and we continue to donate to, and sponsor, community services, infrastructure and projects.

Careers at Alkane

Our mining and exploration activities create jobs and economic activity in the Central West of NSW. While many mining companies opt for a fly-in fly-out workforce, we choose to engage local people wherever possible, providing them with training and career opportunities and making them part of the Alkane team.

Helpful links for careers in mining

http://www.miningcareers.com.au/working_in_mining/professional_pathways

http://www.miningcareers.com.au/working_in_mining/trades_operator_pathways

http://www.miningcareers.com.au/working_in_mining/australian_minerals_industry

<http://www.mea.edu.au/>

http://www.miningcareers.com/make_a_start/education_and_training

<http://hotrubble.com.au/#slide=4&slidelink=0>



Operations Manager



OPERATIONS MANAGER

1x 

- Responsible for managing a multi-disciplinary team to ensure safe and effective management of all operations
- Bachelor level qualifications in engineering, production or similar
- Post graduate qualifications in chemical engineering, metallurgy, finance or mining related discipline (desirable)
- Significant experience in mine operations management
- Significant people management skills and experience

Production Manager



PRODUCTION MANAGER

1x 

- Responsible for managing a large multi-disciplinary team to ensure effective operation of the mine process plant
- Bachelor level qualifications in chemical engineering / metallurgy
- Significant experience in production management
- Significant people management skills and experience

Superintendent



SUPERINTENDENT - ACID PLANT

1x 

- Responsible for managing a multi-disciplinary team to ensure safe and effective management of the acid plant
- Bachelor qualifications in chemical engineering / metallurgy (desirable)
- Significant operational engineering experience
- Significant people management skills and experience

IT Officer



INFORMATION TECHNOLOGY OFFICER

2x 

- Responsible for managing IT infrastructure and providing general IT advice and support
- Bachelor level qualifications in information technology or relevant equivalent experience

Lab Technician



SENIOR LABORATORY TECHNICIAN

8x 

- Responsible for the preparation and analysis of final product samples and conducting process investigations
- Bachelor level qualification in industrial chemistry or significant skills and experience in an industrial laboratory

Engineer - Acid Plant



ENGINEER - ACID PLANT

2x 

- Responsible for overall operation of the plant, handling technical issues and identifying and recommending process improvements
- Bachelor qualifications in chemical engineering / metallurgy
- Previous acid plant or cogeneration experience

Degree Qualifications



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Technical Manager



TECHNICAL MANAGER

1x

- Responsible for managing a large multi-disciplinary team of technical experts to ensure high quality technical advice is delivered and establish optimal output of the mine
- Bachelor level qualifications in chemical engineering / metallurgy
- Mechanical and processing background
- Several years process engineering experience
- Significant people management skills and experience

Process / Mining Engineer



PROCESS / MINING ENGINEER

4x

- Responsible for providing advice associated with the optimisation of the mineral extraction process
- Bachelor level qualification in chemical, metallurgical, or mining engineering
- Graduate diploma or masters of metallurgy (desirable)
- Previous mining, chemical, metallurgical engineering or heavy industry experience

Geologist / Mine Planner

GEOLOGIST / MINE PLANNER

1x

- Responsible for the development of a mining plan by assessing the mine site to determine a suitable mining location
- Bachelor level qualifications in geology
- Mine planning experience / qualifications



Maintenance Manager



MAINTENANCE MANAGER

1x

- Responsible for managing the entire maintenance team which is made up of a diverse group of technicians and other professionals
- Bachelor of mechanical engineering
- Significant maintenance management experience for a large and complex site, ideally within the mining or minerals processing industry
- Strong people management skills and experience

Project Engineer



PROJECT ENGINEER

6x

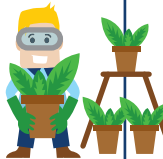
- Responsible for process development work, assessing process improvements, investigating yield increase and process optimisation
- Bachelor level qualifications in chemical metallurgical or mechanical engineering or related discipline
- Previous process engineering experience

Enviro, Radiation & Safety Manager

ENVIRONMENTAL, RADIATION & SAFETY MANAGER

4x

- Responsible for environmental and radiation monitoring, reporting and advice
- Bachelor level qualifications in environmental science or significant relevant experience
- Radiation safety qualifications or equivalent experience



Metallurgical Accountant

METALLURGICAL ACCOUNTANT

2x

- Responsible for accounting for all metallurgical flows within the plant, mass, energy and water balances and metallurgical accounting
- Bachelor level qualifications in Chemical engineering / metallurgy (desirable)
- Finance / accounting qualifications (desirable)



Marketing Professionals

MARKETING MANAGER

- Responsible for marketing of product to technical clients and offtake partners
- Bachelor level qualifications in chemical engineering / metallurgy / industrial chemistry / business
- Post graduate qualification or equivalent experience in marketing (desirable)
- Previous senior levels of marketing experience within the mining or chemical industries



1x 

MARKETING ADMINISTRATOR

- Provide marketing administrative support and advice, including activities such as organisation of events and creation of marketing materials
- Bachelor level qualifications in marketing or equivalent experience
- Previous experience in a marketing administration position



2x 

COMMUNITY RELATIONS OFFICER

- Responsible for managing public relations and community engagement
- Bachelor level qualifications in marketing, communications or relevant equivalent experience
- Significant previous experience in a community / public relations position



1x 

HR

HUMAN RESOURCES BUSINESS PROFESSIONAL

- Responsible for providing operational and strategic HR advice and support to internal clients, including working closely with line managers to achieve business objectives through an engaged and enabled workforce
- Bachelor level qualifications in human resource management or relevant equivalent experience
- Previous experience in human resources in a mining or mineral processing operation



2x 

Finance & Accounting Professionals

FINANCE & ADMINISTRATION MANAGER

- Responsible for managing the finance and administrative functions, including accounts, procurement / supply, HR, IT and security
- Bachelor level qualifications in finance / accounting or relevant equivalent experience
- CPA or CA
- Significant accounting experience with operational understanding / mining experience
- Experience in procurement, IT, HR & security preferred

1x 

FINANCE SUPERVISOR

- Supervises accounts staff and provides technical leadership
- Bachelor level qualifications in finance / accounting or relevant equivalent experience
- CPA or CA, with post CA / CPA experience
- Experience in a supervisory position preferred

1x 

MANAGEMENT ACCOUNTANT

- Plans, reviews and administers accounting systems and procedures, analyses the financial information needs, provides advice on financial planning and risk management, and provides management with reports to assist in decision making
- Bachelor level qualifications in finance / accounting or relevant equivalent experience
- CA / CPA (desirable)
- Previous experience in management accountant position

1x 



Technician

ELECTRICAL & INSTRUMENTATION TECHNICIAN

16x 

- Responsible for ensuring that all electrical / instrumentation is maintained and in good working order across the site
- Electrical / instrumentation trade qualifications
- Electrical apprenticeship opportunities also available

MECHANICAL TECHNICIAN

28x 

- Responsible for ensuring maintenance and effective mechanical operation of the plant
- Mechanical trade qualifications, such as fitter machining or boiler making
- Mechanical apprenticeship also available



Foreman

ELECTRICAL FOREMAN

1x 

- Responsible for supervising a team of electrical / instrumentation technicians
- Electrical / instrumentation trade qualifications
- Significant previous electrical process experience ideally within the mining industry
- Previous people management skills and experience

MECHANICAL FOREMAN

1x 

- Responsible for supervising a team of mechanical technicians
- Mechanical trade qualifications, such as fitter machining or boiler making
- Significant previous mechanical operations experience ideally within the mining industry
- Previous people management skills and experience

Foreman

ACID PLANT FOREMAN

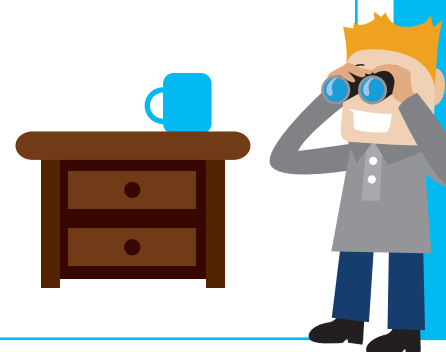
1x 

- Responsible for supervising the electrical / instrumentation and mechanical technicians within the acid plant
- Trade qualifications in either the electrical or mechanical discipline
- Significant previous acid plant experience (desirable)
- Previous people management skills and experience

DAY FOREMAN

1x 

- Responsible for daytime operations of the site, including water supply, road and rail deliveries
- HSC (desirable)
- Heavy vehicle licence (desirable)
- Front end loader licence (desirable)
- Previous operations experience within mining industry (desirable)
- Shift supervisor experience (desirable)
- Strong people management skills and experience



Power Operator

POWER OPERATOR

4x 

- Responsible for ensuring that power is functioning correctly within the plant
- Electrical trade qualifications
- High voltage qualifications
- Previous experience as a power operator, ideally within the mining industry



Process Operator

FIELD OPERATOR

8x 

- Responsible for ensuring correct operation of processes within the sulphur plant - checking controls and parameters
- HSC qualification including chemistry (desirable)



Trainer

TRAINER

5x 

- Co-ordinate and provide on-the-job and induction training to employees
- Trade background / operations background
- Years of experience as a process operator
- Certificate IV in workplace training & assessment (desirable)



Shift Supervisor

SHIFT SUPERVISOR - PROCESS PLANT

4x 

- Responsible for leading the production team in the safe production of quality products within the process plant
- Trade qualifications in engineering, production or a related discipline or relevant equivalent experience (desirable)
- Previous operational production experience in a minerals processing or industrial environment (desirable)
- Previous people management skills and experience

SHIFT SUPERVISOR - ACID PLANT

4x 

- Responsible for leading the production team in the safe production of quality products within the acid plant
- Trade qualifications in engineering, production or a related discipline or relevant equivalent experience (desirable)
- Previous acid plant experience (desirable)
- Previous people management skills and experience



Lab Technician

LABORATORY TECHNICIAN

8x 

- Responsible for the preparation and analysis of plant production and control samples
- HSC qualification including chemistry
- Certificate IV in laboratory techniques (desirable)



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Position titles, descriptions and number of positions are an estimate on current projections. These may change over time due to changing organisational needs.

Supply Chain Professionals

SUPPLY CHAIN MANAGER

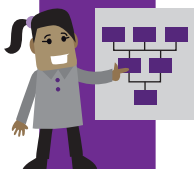
1x 

- Responsible for directing the process associated with the planning of procurement, production, inventory control, logistics and distribution
- Tertiary qualifications in logistics, procurement, supply and a certificate in procurement and supply (desirable)
- Significant experience in supply / procurement operations

PURCHASING OFFICER

3x 

- Responsible for the coordination and management of all purchasing activities
- Ensuring effective purchasing and delivery of goods and services
- Tertiary qualifications in procurement, purchasing or contract management (desirable)
- Previous experience in a similar purchasing, procurement or contract management position



Supply Chain Professionals

EXPORT SUPERVISOR

1x 

- Supervise and provide advice regarding export services and procedures. Responsible for ensuring products are correctly containerised and dispatched to customers
- HSC
- Tertiary qualifications in administration (desirable)
- Previous export experience within the mining industry
- Experience in managing people

EXPORT OFFICER

1x 

- Coordinate and administer export activities. Responsible for ensuring products are correctly containerised and dispatched to customers
- HSC
- Post-school qualifications in administration (desirable)
- Previous export experience within the mining industry (desirable)



Finance & Accounting

ACCOUNTS PAYABLE OFFICER

3x 

- Responsible for managing the accounts payable process
- Tertiary qualifications in accounting (desirable)
- Previous accounts payable experience



Admin Professionals

ADMINISTRATION ASSISTANT / SECRETARIAL SUPPORT

1x 

- Responsible for the provision of administrative and / or secretarial support to senior managers
- Certificate IV in business administration or relevant equivalent experience (desirable)



Supply Chain

WAREHOUSE OFFICER

4x 

- Responsible for providing materials, equipment and supplied by directing receiving, warehousing and distribution services
- Forklift licence and reach truck licence (desirable)
- Previous warehouse experience in similar industry (desirable)



Process Operator

PROCESS OPERATOR

32x 

- Responsible for ensuring that everything is operating correctly - checking controls and parameters. Ensure that their section is functioning correctly during their shift
- Various operator positions exist throughout the plant and process, including niobium operators, zirconium operators, rare earth operators, utilities operators, roaster / leach operators, filtrations operators
- HSC qualification including chemistry (desirable)
- On the job training provided

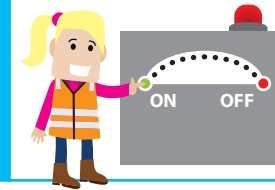


Maintenance Planner

MAINTENANCE PLANNER

4x 

- Responsible for scheduling equipment and plant maintenance and plant shutdowns to allow maintenance work to occur
- Maintenance planning software knowledge and experience
- Maintenance planning experience within a manufacturing or mining environment



Plant Handler

PLANT HANDLER

20x 

- Responsible for loading sulphur (from stockpile) into the acid plant process and to maintain the sulphur stockpile
- Front end loader (FEL) licence (desirable)
- On the job training provided



Control Room Operator

CONTROL ROOM OPERATOR

8x 

- Responsible for monitoring of the plant and equipment from computerised control room environment
- HSC with electronics and computing knowledge
- Operation control system experience
- Previous plant operation experience (desirable)

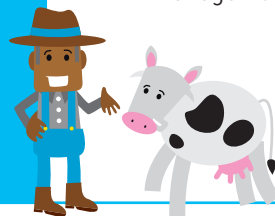


Farm Manager

FARM MANAGER

1x 

- Organise and manage farmland within owned land and surrounding land including biodiversity offsets. Engage with the farming community
- Management of farm
- HSC qualification
- Finance, agricultural science or farm management qualifications (desirable)

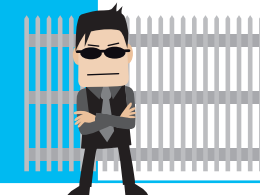


Security

SECURITY OFFICERS

10x 

- Responsible for ensuring security of mining staff and asset protection for mine equipment and the site
- NSW security licence (desirable)
- Current drivers licence
- Current first aid certificate (desirable)
- Previous mine security experience (desirable)



Mining Operator

MINING OPERATOR

12x 

- Responsible for driving trucks and bulldozers for the purpose of excavation
- HSC (desirable)
- Heavy vehicle licence (desirable)
- Front end loader licence (desirable)
- On the job training provided



Water Supervisor

WATER SUPERVISOR

1x 

- Responsible for ensuring safe and effective working of site water systems
- Drivers licence required to travel across site to check pipes, pumps and dams
- On the job training provided



Rehab Operator

REHAB / TAILS OPERATOR

2x 

- Responsible for the profiling of solid waste in residue facility and using either a front end loader or bulldozer to distribute
- HSC (desirable)
- Drivers licence
- Bulldozer and / or front end loader licence (desirable)



Road Operator

ROAD OPERATOR

3x 

- Responsible for transporting containers to various areas of the site and returning them empty for processing
- Heavy vehicle licence (desirable)
- Previous site transportation experience (desirable)
- On the job training provided



Crushing / Milling Operator

ORE CRUSHING / MILLING OPERATOR

4x 

- Responsible for operating the crusher and milling equipment, including feeding material into the crusher via a front end loader
- HSC (desirable)
- Front end loader licence (desirable)
- On the job training provided



Logistics Supervisor

LOGISTICS SUPERVISOR

1x 

- Responsible for the logistics associated with a high volume of trucks coming on and off site on a daily basis
- Heavy vehicle licence (desirable)
- Previous heavy vehicle logistics management experience (within the mining industry is desirable)
- Experience managing people



Product / Train Operator

TRAIN OPERATOR

3x 

- Responsible for loading and unloading trains and trucks using a container forklift
- 40 tonne forklift licence (desirable)
- Previous container unloading experience

PRODUCT TRANSPORT OPERATOR

1x 

- Responsible for transfer of products onto trucks
- Forklift licence (desirable)
- Basic admin skills and experience

