RONALD MEKETA

PO Box 1147, Vision City, NCD• (675) 7001 0000/ (675) 7535 5314• ronaldmeketa7@gmail.com

Senior Professional with over 11 years’ Mining and Oil & Energy Industry experience with a demonstrated history of working on Engineering Projects both in Australia and Papua New Guinea in decision making capacities. Exceptional array of skills and knowledge including an attained Master’s Degree in Chemical Engineering from Universitas Sriwijaya in Indonesia and a Bachelor of Science Degree from the Papua New Guinea University of Technology. Result oriented and fully engaged professional that aims at adding value and continuous improvement on the progress of the organization that I am employed by. I am currently the Lead Project Engineer on the P'nyang LNG Project, Papua LNG Project and the PNG LNG Expansion and Accelerated (AGX) Project in Papua New Guinea.

***Core Competencies***

*Technical:*

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| --- | --- |
| * Quality Management Systems in Petrochemical Engineering
* Process and Facilities Engineering with exposure in all petroleum streams from Exploration to Drilling and Completion

*Non-Technical:** Research
* Communication
* Teamwork and Collaboration
* Analysis and Problem Solving
* Leadership
 | * Reviewing of Field Development Plans from Design to Commissioning
* LNG Production, Processing, Storage and Shipping
* Project Management
* Planning & Organizing
* Building Strategic Business Relations
* Stress tolerance
* Change Management
* Conflict Management
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PROFESSIONAL EXPERIENCE

**Department of Petroleum and Energy,** Papua New Guinea

*Senior Petroleum Engineer* (March 2017 – Present)

Provision of high-level consultative support to the Department for a broad range of Oil & Energy Projects and Activities. *Position is entailed but not limited to,*

* Monitoring and Regulations of all Petroleum activities in PNG including exploration, drilling and completion, production, transmission, refining, storage, shipping and marketing of petroleum and petroleum products as accorded by the Oil & Gas Act 1998 and Oil & Gas Regulation 2002.

*Selected Contributions:*

* Review of Field Development Plan for the P’nyang LNG Project
* Review of Economic Model for the P’nyang LNG Project
* Review of Field Development Plan for the Papua LNG Project
* Review of Economic Model for the Papua LNG Project
* Review of Field Development Plan for the AGX Project
* Review of the Revised Economic Model for PNG LNG Project
* Review of Field Abandonment and Facilities Decommissioning Plan for Gobe Oil Project
* Review of the Domestic Gas Pipeline Project
* Review of Field Development Plan for the Mananda Oil Project
* Review of Economic Model for the Mananda Oil Project
* Review of Field Development Plan for the Pasca Petroleum Project
* Review of Economic Model for the Pasca Petroleum Project

**Igiri Petroleum,** Papua New Guinea

*Petroleum Engineer* (March 2016 – March 2017)

*Key accountabilities:*

* Petroleum Basin Analysis in the Papuan Fold Belt and the Foreland for leads and prospects including development of play concept, defining exploration play areas, evaluate and identify drillable prospects.
* Liaising with government departments
* Petroleum Prospecting License (PPL) Reporting
* Petroleum Portfolio Management Practices including Data compilation, interpretation and analysis.

**Puma Energy, Napa Napa Refinery,** Papua New Guinea

*Refinery Process Engineer* (Sept 2015 – Feb 2016)

*Key accountabilities:*

* Monitoring of petroleum refining operations at the Napa Napa Refinery
* Monitor the performance of the crude processing unit (distillation tower, reformer, NAPHTHA hydrotreaters, heat exchanges and furnaces)
* Make recommendations to reduce product quality give-away and optimize energy performance.
* Provide timely and cost effective technical support for refinery problems and projects.
* Provide and give follow up to weekly operating guide.

**Hides Gas Development Company Limited, PNG LNG Project, EPC 4,** Papua New Guinea

*Chemical Engineer* (April 2015 – Aug 2015)

*Key accountabilities:*

* Monitoring of Oil and Gas Well Drilling Program by providing superior service in support of drilling operations activities at Hides Gas Field Area.
* Ensure Quality Process procedures are followed.
* Support the drilling safety process.
* Communicates relevant information as required to supervisors and technicians.
* Manage contractors to insure work performed meets requirements of plant specifications and policies.
* Monitor daily plant maintenance.
* Conduct analyses to determine failure mode and root cause of equipment failures.
* Manage and reduce costs.
* Lead and Participate in incident investigations.
* Develop and implement projects to improve assets utilization.
* Professionally manage subordinates working under supervision. Provide safety performance feedback.
* Drive continuous improvement and reliability of plant equipment and processes.

**Wagner Global Projects,** **PNG LNG Project, EPC 3**, Papua New Guinea

*Trainee Project Manager* (Sep 2012 – Jan 2013)

*Key accountabilities:*

* Monitoring of Concrete Batching Plant Process Controls
* Provide support and direction to project team
* Manage project resource allocation
* Quality assurance
* Asset Management
* Equipment and manpower utilization coordination

**Techenomics International,** Singleton, NSW, Australia

*Laboratory Manager - Oil Analysis Laboratory* (Jul 2011 – Jan 2012)

*Key accountabilities:*

* Lab Management
* Report Writing
* Monthly Sample Count Management and Reporting
* Lab Key Performance Indicator Management
* Training Coordination
* Maintain Client Communication
* Consumable Stock Take
* Quality Control and Quality Assurance Management
* Assist in other Lab Accreditation.
* Occupational Health and safety Management.
* Provide Technical Advice to Top management
* Instrument Calibration
* Servicing and conditioning monitoring of all the mobile heavy equipment fleets for the Mt Arthur Coal Mine in the Hunter Valley, NSW, Australia.

**Techenomics International,** Singleton, NSW, Australia

*Laboratory Scientist - Oil Analysis Laboratory* (Jun 2010 – Jun 2011)

*Key accountabilities:*

* Condition Monitoring of Mobile and Fixed Plant Heavy Equipments
* Wear Analysis Report Writing Generation (Magic)
* Scientific Advice on Equipment Condition Monitoring and Reliability Engineering
* Maintain Client Communication
* Coordinate daily Environment Health and Safety Meetings
* Instrument Calibration (AES, FTIR, Spectroil Viscometer, Particle Counter, PQ)
* Contribute to laboratory safety and sustainable development initiatives
* Manage the flow of samples so as to achieve guaranteed turnaround times
* Last Updated:8th November 2017 3
* Ensure the results are repeatable and acceptable
* Maintain a high level of safety awareness
* Maintain contact with other Techenomics personnel and have a sense of responsibility for department-wide issues
* Carry out customer support as required
* Help to maintain and improve our accreditations
* Assist other Techenomics Laboratories gain accreditations
* Provide support to lab manager as required

**Barrick Gold Corporation – Porgera Gold Mine,** Papua New Guinea

*Oil Lab Crew Leader* (Dec 2007 – Jun 2010)

*Key accountabilities:*

* Fire Assaying
* Analytical Assay Report Generation using cClass\_el.
* Lab Technician coordination and supervision
* New Project Method Development and Continuous Improvement
* Lead Daily Environment Health and Safety tool box meeting
* Instrument Calibration(ICP, AAS, Leco, Labfit 2000.UVS)
* Bullion Analysis
* Environmental Water Sample Analysis
* Mercury in Urine Analysis
* Oil Analysis using ICP-OES

**Barrick Gold Corporation – Porgera Mine,** Papua New Guinea

Intensive Industrial Training ~ Mineral Processing (Sep 2006 - Oct 2006)

**Ok Tedi Mining Limited, Papua New Guinea**

Intensive Industrial Training ~ Assets Management (Nov 2005 - Dec 2005)

EDUCATION & CREDENTIALS

*Education:*

Universitas Sriwijaya, Palembang, South Sumatra, Indonesia

**Master’s Degree in Chemical Engineering (International Class), 2016**

PNG University of Technology, Lae, Morobe Province, PNG

**Bachelor of Science Degree, 2008**

*Professional Development:*

* Powerful Leadership **(PJV - PNG)**
* Training Small Groups (Trainee Trainer) **(PJV - PNG)**
* Negotiation Skills **(PJV - PNG)**
* Courage’s Safety Leadership **(PJV - PNG)**
* Behavioral Base Safety **(PJV - PNG)**
* Refinery Controls and Instrumentation **(JCCP - Japan)**
* Fundamentals of Reservoir Engineering **(JOGMEC - Japan)**
* Geophysics **(OSL - PNG)**
* PetroSIM **(Puma Energy - PNG)**

*Referees*

1. VINCENT LIALU

Head of Human Capital

National Superannuation Fund Limited

Head Office, Level 3 BSP Haus, Harbour City

Port Moresby

Telephone: 313 1911 Mobile: 75655450

Email: vlialu@nasfund.com.pg

1. FRANCIS WAINA

Principal Petroleum Geologist

Igiri Petroleum Limited

Level 3, Port Tower Building

Hunter Street, Port Moresby

P O Box 583

KONEDOBU

National Capital District

Mobile: 76345810

Email: franciswaina@gmail.com

1. DEBBIE TAITARAE

VP Downstream Operations & HSEQ

TOTAL SA

Deloitte Haus, Level 7

McGregor Street CBD

P O Box 1145

Port Moresby

Mobile: 76403275

Email: dtaitarae@icloud.com