

### **COMPANY PROFILE**

### 1. COMPANY OVERVIEW

Badonga Limited trading as Badonga Contractors is specifically focused in providing buildings, construction, civil works, waste management as well as technological and branding services. We are partnering with Badonga Consulting Engineers, a registered structural engineering firm, that is specialized with the design and approval of civil, structural and project management services, as well as Badonga Tech and Graphics Solution to supply our technological and branding works. Our main objective is to be your one stop building, construction, civil works and waste mnagement service provider, where we design, approve, manage and construct your desired projects.

### **CONTACT US:**

Email: enquire.badongacontractors@gmail.com | Ph: (+675) 7828 4096

### 2. VISION

Building and Promoting Papua New Guinea from Developing to Developed Nation

### 3. MISSION STATEMENT

Utilize PNG's human resources for infrastructure, physical and Eco-Friendly Developments, whilst providing employments, thus decreasing unemployment and poverty rate with it's associated issues.

### 4. PARTNERS AND ASSOCIATES

### 4.1) Buildings and Civil Works: Badonga Consulting Engineers

Badonga Consulting Engineers is a certified registered structural engineering (Reg.# 4846) firm specialized in providing civil, structural, design and consultation services.

### 4.2) Technology and Branding Works: Badonga Tech and Graphics Solution

Badonga Tech and Graphics Solution is an established printing, branding and technology company that is supplying specialized products and services throughout Papua New Guinea.

### 5. CORE SERVICES

From building, construction, civil works and waste management services, we provide the following specific services;

- Building Construction (Commercial and Residential)
- Building Renovations (Commercial and Residential)
- · Construction of Sporting and Recreational Space and Facilities (Public and Private)
- · Air Condition Maintenance and Installation (Commercial and Residential)
- Billboards Constructions (Commercial, Industrial and Business Houses)
- · Road Civil Works (Construction, Upgrade, Maintenance and Sealing)
- · Wate Management Services (Residential, Commercial and Industrial)

### 6. OUR TEAM

Our success is built on the foundation of our skilled and dedicated team. Led by professional managers, our team includes engineers, architects, project managers, and construction, technology and wates management professionals, who are committed to excellence. We foster a culture of continuous learning, collaboration, and innovation, ensuring that our team remains at the forefront of construction, technologies and waste management trends.

### 7. OUR VALUES

- Integrity: Conducting business with honesty and transparency.
- Quality: Delivering superior products and services that exceeds standards.
- Innovation: Embracing new ideas, technologies, and methods to improve our projects.
- Sustainability: Committing to environmentally responsible practices.
- Client Satisfaction: Ensuring that our clients' visions are realized beyond their expectations.

### 8. COMMITMENT TO QUALITY CONSTRUCTION

At Badonga Contractors, our commitment to quality is unwavering. We employ stringent quality control measures at every stage of the construction and management process, from planning to execution. Our attention to detail and dedication to craftsmanship ensure that every project is a testament to our commitment to excellence.



### 9. MANAGEMENT STRUCTURE

Through our partnership we have a team of over 30 full-time multi-talented, highly skilled and professional workforce. We also have a big network of part-time skilled workers for projects that require additional workforce.

Badonga's Vision

"Building Papua New Guinea from Developing to Developed Nation"

### **10.COMPLETED PROJECTS**

PROJECTS NAME	PROJECT DESCRIPTION	PROJECT DURATION	CLIENT	PROJECT VALUE
Qantas Port Moresby Main Office Upgrade, Renovation and Branding	Paintings, Ceilings Tiles, Lights Replacements and Visual Brandings	25/02/2024 – 01/03/2024	QANTAS AIRWAYS LIMITED	K89,444.46
University of Papua New, Earth Science Division, Branding, Maintenance and Construction	Air Condition Installation, Selected Building Maintenance and Branding	22/02/2023 – 25/05/2024	Univresity of Papua New Guinea   Earth Sciences Building	K101,450.00 (Cumulative of minor jobs during the duration)
University of Papua New, Earth Science Division, Branding, Maintenance and Construction	Computer Lab Upgrade, Air Condition and CCTV (8pc with over 300m+ Cabling and setups) Installation and Supplies (28pcs i7 Computers & 7pcs i7 Laptops)	22/02/2025 – 23/03/2025	Univresity of Papua New Guinea   Earth Sciences Building In Partnership with OK Tedi Mining Limited	K423,390.60 Funds: K399,630.60 by OK Tedi Mining Limited   K23,760 by University of Papua New Guinea
Ministry of International Trade and Investment, Installation of Air Condition Unit	Installation of 2x 9000 BTU and 12,000 BTU Air Condition Unit	02/04/2025 – 04/04/2025	Ministry of International Trade and Investment	K13,843.50

### 11. OUR CLIENTS







Page 4

### 12. COMPANY DETAILS BADONGA LIMITED | IPA CERTIFICATE



Companies Act 1997

Sections 14 & 442

### **Certificate of Incorporation**

**BADONGA LIMITED** 

1-128202668

This is to certify that

**BADONGA LIMITED** 

was incorporated under the Companies Act 1997

on 30 January, 2024

Given under my hand and seal on 30 January, 2024



Harriet Kokiva Acting Registrar of Companies

The validation code for the Certificate of Incorporation is CO-5236486. To check the validity of this certificate enter https://www.ipa.gov.pg/Corp/Verify.aspx?entityNumber=1-128202668&code=CO-5236486 in your browser.

### **BADONGA LIMITED | IRC TIN CERTIFICATE**



### TAXPAYER REGISTRATION CERTIFICATE

Taxpayer Identification Number: 502513890

Name of Business/Individual:

**BADONGA LIMITED** 

Trading As:

**BADONGA LIMITED** 

Registered Address:

P.O Box 122

University 1134, National Capital District

Papua New Guinea

Nature of Business / Individual Situation:

OTHER SPECIALISED CONSTRUCTION ACTIVITY

Issuing Authority:

NCD & CENTRAL TAX CENTRE

Date of issuance:

February 14, 2024

This certificate represents the sole and only registration as a taxpayer and supersedes all prior registration documentation.

The taxpayer is responsible for notifying the Internal Revenue Commission of any changes to the above information.



SEAL OF ISSUING AUTHORITY

Certificate Number:

150851767



### **BADONGA LIMITED | IRC CERTIFICATE OF COMPLIANCE**



### CERTIFICATE OF COMPLIANCE

INCOME REPORTING SYSTEM

**Taxpayer Identification Number:** 

502513890

Certificate No: 160492022

**BADONGA LIMITED** Trading as: BADONGA LIMITED P.O Box 122 University 1134, National Capital District Papua New Guinea

VALID DATE OF EFFECT

December 12, 2024

June 12, 2025

PENALTIES: Pursuant to Section 354T of the Income Tax Act, a person who produces a forged or altered Certificate to a Paying Authority or falsely pretends to be the person or representative of the company named in the Certificate is guilty of an offence

PENALTY: A FINE NOT LESS THAN K1,000.00 AND NOT EXCEEDING K50,000,00 OR IMPRISONMENT FOR 12 MONTHS OR BOTH.



SEAL/SIGNATURE OF ISSUING AUTHORITY

IMPORTANT NOTICE: This Certificate serves no other purpose other than to authorize a NIL deduction for Business Payment Tax (BPT). It has no effect on other withholding obligations including Salary and Wages Tax (SWT), Goods and Services Tax (GST), etc

### **BADONGA TECH AND GRAPHICS SOLUTION | IPA CERTIFICATE**



### INDEPENDENT STATE OF PAPUA NEW GUINEA

Business Name Act

Act, Sec. 8(4),(5)

### **Certificate of Registration of Business Name**

### BADONGA TECH AND GRAPHICS SOLUTION

6-213578

I certify that the name

### BADONGA TECH AND GRAPHICS SOLUTION

was registered under the Business Names Act

on 04 October, 2022



David A. KIL Registrar of Companies

This registration expires on 31 October, 2025

The validation code for the Certificate Of Registration Of Business Name is BN-3101856. To check the validity of this certificate enter https://www.ipa.gov.pg/Corp/Verify.aspx?entityNumber=6-213578&code=BN-3101856 in your browser.

### **BADONGA TECH AND GRAPHICS SOLUTION | IRC TIN CERTIFICATE**



# TAXPAYER REGISTRATION CERTIFICATE

Faxpayer Identification Number: 501615500

Name of Business/Individual: MR ISRAEL KAUPA

Registered Address: T/AS BADONGA TECH AND GRAPHICS SOLUTION

P.O Box 122

University 134, National Capital District

Papua New Guinea

Nature of Business / SOLE TRADER Individual Situation:

Issuing Authority: IRC HEAD OFFICE

Date of issuance: August 31, 2020

This certificate represents the sole and only registration as a taxpayer and supersedes all prior registration documentation.

The taxpayer is responsible for notifying the Internal Revenue Commission of any changes to the above information.

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SEAL OF ISSUING AUTHORITY



105349353

Certificate Number:

### **BADONGA CONSULTING ENGINEERS | IPA CERTIFICATE**

### INDEPENDENT STATE OF PAPUA NEW GUINEA

Companies Act 1997

Sections 14 & 442 Form 5

### Certificate of Incorporation BADONGA CONSULTING ENGINEERS LIMITED 1-136870

I certify that

DADONGA CONSULTING ENGINEERS LIMITED

was incorporated under the Companies Act 1997 on 3 August 2022

changed its name to

BADONGA CONSULTING ENGINEERS LIMITED

on 8 August 2022

Given under my hand and seal on 11 August 2022.



Harriet Kokiva Acting Registrar of Companies

The validation code for this Certificate of Incorporation is COMPANIES-48560276. To check the validity of this certificate enter https://www.ipa.gov.gg//prgeoxpanies/verify/1-136870/COMPANIES-48560276.html in your browser.

Certificate generated 11 August 2022 10:36 AM PGT

Page 1 of 1

### BADONGA CONSULTING ENGINEERS | REGISTERED STRUCTURAL ENGINEER



### PROFESSIONAL ENGINEERS REGISTRATION BOARD

This is to certify that

Mr Jonathan KAUPA

is a

### REGISTERED ENGINEER

in accordance with the requirements of the PROFESSIONAL ENGINEERS REGISTRATION ACT 2007 (amended)

until

18 December 2025

Witness our hands and Seal of the Institution

GUL

Chairman

Burn

Registrar



### 13. COMPLETED PROJECTS | CERTFICATE OF COMPLETIONS

A.) Client: University of Papua New Guinea | Earth Sciences Division

 Project: Computer Lab Upgrade, Air Condition and CCTV (8pc with over 300m+ Cabling and setups) Installation and Supplies (28pcs i7 Computers & 7pcs i7 Laptops)

Project Duration: 22/02/2025 -23/03/2025

Project Value: K423,390.60



### CERTIFICATE OF COMPLETION

PROUDLY PRESENTED TO

### CONTRACTORS

for the successful Computer Lab Upgrade,
Air Condition and CCTV (8pc with over 300m+ Cabling and setups)
Installation and Supplies (28pcs i7 Computers & 7pcs i7 Laptops) on
22/02/2025 - 23/03/2025

Joseph O. Espi, PhD, MAUSIMM

Associate Professor & Divisional Leader - Earth Sciences Division

Director - Center for Disaster Risk Reduction





- B.) Client: University of Papua New Guinea | Earth Sciences Division
- · Project: Air Condition Installation, Selected Building Maintenance and Branding
- Project: Durations: 22/02/2023 25/05/2024
- Project Value: K101,450.00



## CERTIFICATE OF COMPLETION

PROUDLY PRESENTED TO

### BADONGA

for the successful Air Condition Installations and Selected Building Maintenance and Branding for Earth Sciences Building from 22/02/203 - 25/05/2024

Joseph O. Espi, PhB, MAusIMM

Associate Professor & Divisional Leader - Earth Sciences Division Director - Center for Disaster Risk Reduction





### 14. APPANDICES

- 1. BUSINESS PROFILE | BADONGA CONSULTING ENGINEERS
- 2. BUSINESS PROFILE | BADONGA TECH AND GRAPHICS SOLUTION
- 3. PROJECT COMPLETION REPORTS (some)



### CIVIL. STRUCTURAL. PROJECT MANGEMENT



### **BADONGA CONSULTING ENGINEERS LTD.**

PORT MORESBY OFFICE: Waigani Drive, Frangipini Street,

**JUP Business Centre, Suite 7** 

KUNDIAWA OFFICE: P.O BOX 599, Sect.13 Lot 8,

**Kundiawa Simbu Province, PNG** 

E:badongaconsultengineers@gmail.com T: +675 71684446/ 75774286



### **CONTENTS**

Executive Summary	3
Firms Capability Statement	
Services Offered	
Clients	
Milestone Projects Work Samples	
Company Registration Information	Appendix 1
Director/Principal CV/Certifications	



### **OFFICE LOCATION (Port Moresby)**

Waigani Drive, Frangipani Street, JUP Business Centre, Suite 7





### **EXECUTIVE SUMMARY**

Badonga Consulting Engineers (BCE) is a professional engineering firm specializing in the provision of civil and structural design and consultation advice.

The firm is 100% nationally (PNG) owned and recently established (2023).

BCE director Mr. Jonathan Kaupa is a professional civil/structural engineer with close to decade years of experience as a consulting structural engineer practicing in Papua New Guinea. Mr. Kaupa is a Member of the Institute of Engineers PNG (MIEPNG), a Certified Practicing Engineer (CPEng) and a Registered/licensed Structural Engineer (Reg.Struct Eng) recognised/licensed by the Institution of Engineers Papua New Guinea. Jonathan last 3 years of formal employment/ engagement (till Dec 2022) was with WORLEY Limited in the role of senior structural and certifying engineer.



### FIRMS' CAPABILITY STATEMENT

### MISSION & GOAL

Our mission is to provide 'innovative' and cost efficient civil and structural engineering services and advice to individuals, businesses or organizations. We are determined to be one of the leading seismic efficient design consulting engineers in PNG and the pacific.

### **QUALITY ASSURANCE**

All our design complies to the PNG and Australian/NZ Standards/Codes of practice. We take note of the recent regular seismic occurrences and make sure all our design goes through thorough seismic analysis. We not only use Equivalent static analysis to run seismic checks (even if structure qualifies only to be check with statics as per PNG EQ Code) and design, but prove check with Dynamic Analysis as a matter of upholding quality assurance.

Our designs are up to the highest quality and standard compliance because it goes through a rigorous process of check. There are always two engineers and draftees involved in any given project of whichever magnitude, an originator and a checker.

### STRUCTURAL CERTIFICATION

Badonga Consulting Engineers Principal Structural Engineer and Director Mr. Jonathan Kaupa is a fully licensed/certifying structural engineer. Mr. Kaupa carries out all final quality assurance checks and stamp or certify structural design or documents as proof of compliance to PNG Standards or codes.

### COMPANY PERSONNEL (EMPLOYEES)

Badonga Consulting Engineers (BCE) is a recently established company (2023). It retains 6 full time employees, Mr. Kaupa in the capacity of director and principal structural engineer, a senior draftee/designer, a junior level draftee, an intermediate civil/structural engineer secretary/HR and an office manager. All the CV shall be supplied upon clients request.

In the case that there is an influx of work from our clients exceeding our capacity, we are well connected with other consulting firms/highly skilled individuals in Port Moresby (PNG) who are readily available to take on some work load to relieve our team. We have also sourced several potential highly skilled candidates who are readily available to join the team.



### **SERVICES OFFERED**

### STRUCTURAL (Green & Brown Field)

- Building Structural Design (Low to Highrise)
- Warehouse and Storage Facility Design
- Bridge Design
- Telecommunication tower design
- Forensic Structural Engineering
- Structural Investigation into deteriorated structure and proposing remedial actions
- Lifting Calculations and Lift Plans
- Scaffold off-standard configuration design
- Conveyor/Top of Tank Platforms/Pipe Supports (for mining industries)
- · Wharfs, Jetties

### **CIVIL**

- Retain wall Design
- Road Design (Upgrade/New Road)
- Drainages/Channels Design

### PROJECT MANAGEMENT

- Project Planning and Supervision
- Construction QAQC checks and sign off

### STATUTORY ASSESSMENT

- Review offshore designs for Compliance and Certifications
- Peer review on design documentations



### **CLIENTS**













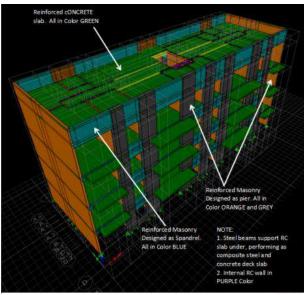


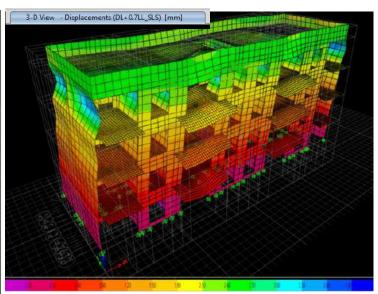




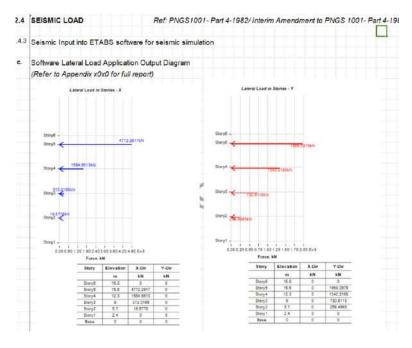
### COMPLETED MILESTONE PROJECTS/WORK SAMPLES (Refer Jonathan Kaupa CV for Full List of Work)

Work Sample Project # 1:	
Project Title:	Proposed 4 Storey Apartment for Manzack Investment Ltd.in Sect 39, Lot 16-27 Waigani Drive, Port Moresby, PNG
Client:	Manjack Investment Ltd.   R.Napitalai Ltd.
Work Description	R. Napitalai Engineers subcontracted the Engineering component of this project to Badonga consulting Engineers (BCE)
	BCE Delivered Full Structural Engineering Calculations satisfying all code requirements (PNGS/AS/NZ) and designing the structure and also produced Engineers Design sketches which was further developed by draftees to IFC
Date of Completion	21st November 2023

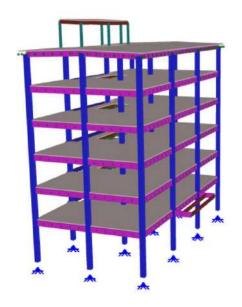




Mathematical Modelling of Structure in ETABS



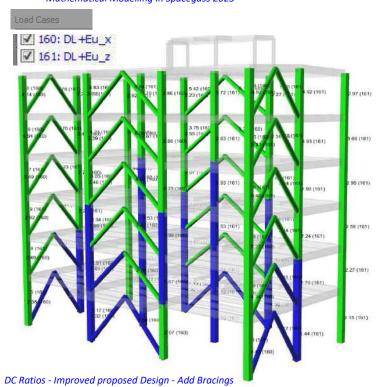
Work Sample Project # 2:	
Project Title:	Proposed 6 Storey Office Building for Banning Ltd. In Port Moresby, PNG
Client:	Bannings Ltd.   China Railway Group.   R.Napitalai Ltd.
Work Description	R. Napitalai Engineers subcontracted the Engineering component of this project to Badonga consulting Engineers (BCE)
	BCE Delivered Full Structural Engineering Calculations satisfying all code requirements (PNGS/AS/NZ) and designing the structure and also produced Engineers Design sketches which was further developed by draftees to IFC. A notable feature of this project is all steel design here are <i>Chinese GB steels</i> . Checks to PNGS/AS were carried out using chinese steel (GB) properties
Date of Completion	30th July 2023



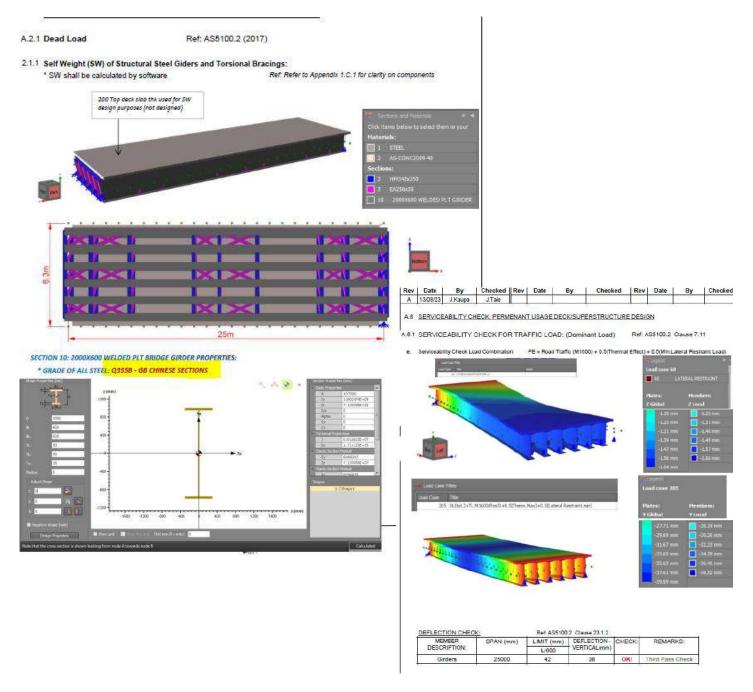




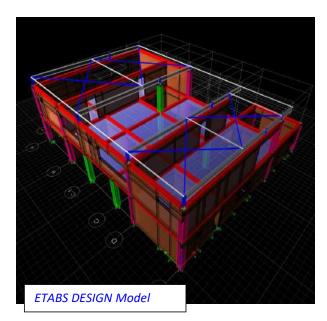
Mathematical Modelling in Spacegass 2023

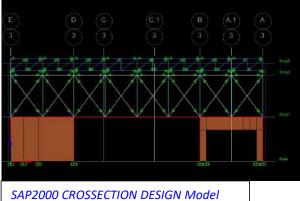


Work Sample Project # 3:		
Project Title:	Proposed 25m Steel Girder and RC Deck Bridge	
Client:	Glory Estates Ltd.	
Work Description	This project was originally awarded to TAIE Consulting Engineers. BCE was subcontracted to carry out design calculations and documentations.	
	BCE Delivered Full Structural Engineering Calculations satisfying all code requirements (PNGS/AS/NZ) and designing the structure and also produced Engineers Design sketches which was further developed by draftees to IFC. A notable feature of this project is all steel design here are <i>Chinese GB steels</i> . Checks to PNGS/AS were carried out using Chinese steel (GB) properties	
Date of Completion	14th August 2023	



Work Sample Project # 4:	
Project Title:	Governor Powi, Two Storey Residential Building, Central Province
Client:	Governor Powi, Governor for Southern Highland Province
Work Description	Badonga Consulting Engineers was responsible for the full design and certification of this project.
	The project is currently under construction and Badonga consulting engineers are currently doing construction QAQC inspection and reporting and providing approvals
Date of Completion	In progress







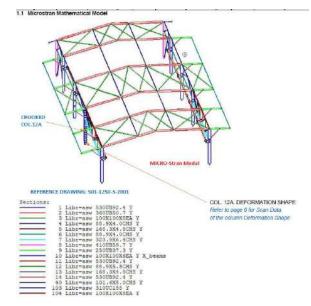


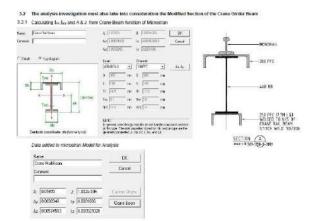


	Work Sample Project # 5:
Project Title:	Mine Dozer Workshop- Bent Column Investigation and Proposal of Remedial Design
Client:	NEWCREST Mine   Worley Parson
Work Description	Badonga Consulting Engineers Director Mr. Kaupa was the lead structural engineer to this project while engaged as a Senior Structural Engineer with WORLEY
	The project involves investigating into a deformed or failed (bent) column in the Mine Dozer Workshop. The column not only forms the structural frame of the building but also supports a 12 Tonne (RMC) Gantry Crane. A detailed investigative calculation was carried out and remedial actions (short and long term) provided.
Date of Completion	6 <sup>th</sup> August 2022

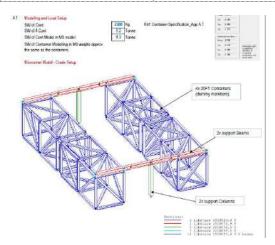




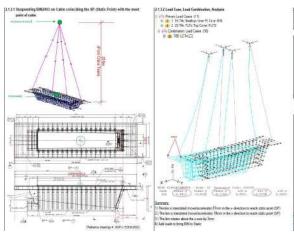


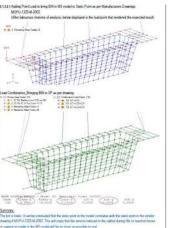


	Work Sample Project # 6:
Project Title:	FEEDER 2003 Removal, Repair and Replacement Structural Engineering Assistance
Client:	NEWCREST Mine   Worley Parson
Work Description	Badonga Consulting Engineers Director Mr. Kaupa was the lead structural engineer to this project while engaged as a Senior Structural Engineer with WORLEY
	The project involves removing a 40 Tonne Bin and a Feeder from a Tunnel. The calculations for this inolves lifting, rooling, skating etc. A temporary cradle was also designed using used shipping containers (innovative engineering) to host the BIN while carrying out maintenance/repair.
Date of Completion	4 <sup>th</sup> May 2022











### INDEPENDENT STATE OF PAPUA NEW GUINEA

Companies Act 1997

Sections 14 & 442 Form 5

### Certificate of Incorporation BADONGA CONSULTING ENGINEERS LIMITED 1-136870

I certify that **DADONGA CONSULTING ENGINEERS LIMITED** 

was incorporated under the *Companies Act 1997* on 3 August 2022

changed its name to **BADONGA CONSULTING ENGINEERS LIMITED**on 8 August 2022

Given under my hand and seal on 11 August 2022.



Harriet Kokiva Acting Registrar of Companies

### **JONATHAN KAUPA**

### PRINCIPAL STRUCTURAL ENGINEER

MIEPNG, CPEng., Reg. Struct. Eng



### SUMMARY

Highly competent structural engineer with proven record of delivering innovative and economical designs. Have close to a decade of experience practicing as a consulting structural engineer from graduate to senior roles in the consulting industry with reputable local and international companies.

Well vested in designing structures in both the green and brown fields. Received several awards while working with WORLEY in recognition for providing simple, innovative and economical designs for what seem to be complicated problems. Was also promoted to the position of senior structural certifying engineer by WORLEY in the WORLEY Brisbane structural engineering team hierarchy.

Worked as a full time sub-consulting senior structural engineer to TAIE Consulting Engineers and R.NAPITALAI Consulting Engineers. Provide structural engineering design/services to these two companies on full time sub-consulting basis.

Currently working full time as the Principal Structural Engineer and Director for Badonga Consulting Engineers Limited.

Experience covers the design of low to high rise buildings, bridges, mining infrastructures and etc.

Professional engineer and Registered Structural Engineer in PNG, recognised by the Institute of Engineers PNG.

### WORK HISTORY

BADONGA CONSULTING ENGINEERS LTD | Port Moresby, PNG

Principal Structural Engineer | Company Director

Jan 2024 to Present

Badonga consulting Engineers (BCE) is a professional consulting engineering firm specializing in the provision of civil and structural design and consultation advice. The firm is 100% nationally (PNG) owned and recently established (2023)

I am engaged on a full time basis as the Principal Structural Engineer and Director of the company. I undertake the following activities:

- Take lead in discussing incoming projects with clients/architects during the concept stages and guide/provide options to optimize the design (structural view point) for an overall effective out put.
- Structural Engineering Calculations and documentations
- Compiling Design Sketches from calculation outcomes to present to draftee for design drafting
- Inspection and Producing structural reports
- Carrying out structural review on designs from external consultants and provide certifications
- Review designs/works from engineers or draftees and provide certifications
- Guiding graduates/junior structural engineers on projects they are working on and do QAQC checks on their designs
- Carrying out QAQC structural inspections and provide approvals on projects under constructions

Listed Below are some of the projects undertaken that are ongoing or have been completed:

- Independent Structural Peer Review and Reporting of the 100m NOBEL Tower in Downtown Port
  Moresby. I am the Lead Structural Engineer for this project. The scope includes a full structural
  design calculation of the tower with respect to the PNGS/code to compare results obtained from
  other three consultants. The project is carried out in Partnership with R.Napitalai Engineers Ltd.
  (Structural Consulting Firm in PNG).
- Structural Calculation, Design and Documentation of 10 Storey (Tower #1) of the Paga Hill Development, Down Town Port Moresby. This project is carried out in Partnership with TAIE Consulting Engineers Ltd (Structural Consulting Firm in PNG).
- Two Storey Gaukara 100 Men Dormitory at Somare Institute of Public Admin, Waigani,. The structure is non-EQ compliant and condemned. We were engaged to propose remedial design to rectify/make the building compliant to PNG Standard/EQ Code and safe to use. Project completed.
- Governor Powi and Mrs Rose, Two Storey Residential Property. Gereka, Port Moresby. Design completed. Project is in construction phase. We are providing QAQC inspection and reporting at

current.

### TAIE CONSULTING ENGINERS LTD. & R.NAPITALAI ENGINEERS LTD | Port Moresby, PNG Senior Structural Engineer | Sub-Consulting Engineer | Jan 2023 to Dec 2023

TAIE Consulting Engineers and R.Napitalai Consulting Engineers are two professional civil, structural consulting engineering firms providing professional consulting structural engineering services in Papua new Guinea.

I was engaged on a full time basis as a sub-consultant to these two firms.

I provided the following services:

- Structural Engineering Calculations and documentations
- Compiling Design Sketches from calculation outcomes to present to draftee for design drafting
- Inspection and Producing structural reports
- Guiding graduates/junior structural engineers on projects they are working on and do QAQC checks on their designs
- Carrying out structural review on designs from external consultants for certification purposes
- Carrying out QAQC structural inspections and provide approvals on projects under constructions
   Listed Below are some of the notable projects I delivered:
- Design, calculation and documentation of 4-Storey Mixed Reinforced Masonry and RC Wall Apartment for Manzack Investment Ltd.
- Design Calculation Check for the proposed 6-Storey Steel Structure Office Building for Bannings Ltd.
- Design calculation and documentation of the Assembly Hall for Fly River Provincial Government
- Design Calculation and documentation of PNG UNITECH Administration Building Office
   Extension
- Structural Inspection and Reporting of the Royal Papua Yacht Club Gantry Building
- Design calculation and documentation of 25m 2 lane RC Deck Steel Girder Bridge for Glory Estates
- 5x Bridges Design Review for the SHHIP-BCW3 (Connect PNG Programme). All bridges were
   RC Deck Steel Girders with Pile Foundations with span ranging from 22m 40m.

- Design calculation and documentation of 2-storey office building for Nimarmar Capital Ltd, Lihir,
   NIP, PNG
- Design Calculation and documentation of Processing Plant Warehouse for Organic Frontier Ltd,
   Kundiawa, Simbu Province
- Design calculation and documentation for 2-storey Office Building for PNG Ports, Madang
- Design Calculation and documentation for 2 storey Carpentry Workshop for Enga Provincial Government new Poly-tech Institution.

### WORLEY PARSON LTD. | NEWCREST MINE, LIHIR, PNG

Senior Structural Engineer June 2022 - January 2023

Structural Engineer November 2019 - June 2022

Under the WORLEY\_NEWCREST Lihir alliance contract, Worley Parson provides all the engineering consulting services to the NEWCREST Mine, Lihir. The WORLEY Structural Engineering team for this contract consisted of the following: 1x lead principal structural engineer (Brisbane Based), 2x senior structural engineers (Brisbane Based), 2x structural engineers (national, site base, I was one of them), 2x graduate structural engineers (1 national site base and one expat Brisbane based) and 5x designers/draftees (4 expat and 1 national, 3 Brisbane based and 2 site based).

All structural projects obtained under this contract were distributed among the team by the Lead Structural Engineer. Tasked engineer leads their assigned projects from conceptual stage to detail/completion. The 3 senior structural engineers were the check and certifying engineers.

I was awarded several awards for producing some of the most innovative and cost effective designs for what seem to be complicated projects. I was promoted to one of the Senior Certifying Structural Engineer Role in this WORLEY hierarchy.

During my engagement with WORLEY, my responsibilities included:

- Structural Engineering Design (Calculations and documentations) of new projects from concept stage to detail design and issuing of IFC drawings. I also carryout QAQC checks during the construction/implementation stage of the designs and sign off as the approving authority.
- Investigations into failed structures and produce remedial designs (backed by structural calculations) to restore its functionality.

- Produce lifting (crane) calculations and draft lifting procedures
- Produce verification calculations and design sketches showing acceptable configurations for Non-standard scaffold configurations for scaffolders to use.
- Produce calculations and design for heavy mine equipment replacements or upgrade. The most notable equipment I worked on were the mine Feeders (40 Tonne) Upgrade/Replacements
- Inspect corroded steel structures and produce remedial/maintenance/upgrade report
- Guiding graduates/junior structural engineers on projects they are working on and do QAQC checks on their designs

Some notable projects I delivered are listed below: (All listed projects have signed calculations/report and IFC documents available)

- Mine Dozer Workshop Bent Column Investigation
- Process Plant Workshop Igloo Structural Check
- Kapit Slip temporary cable bridge
- Camp 1 Retain Wall Design (Geo-grid Retain Wall Type)
- Feeder 2003 Replacement Design
- Feeder 1003 Upgrade and Replacement Design
- Feeder 004 Refurbishment
- SML 6 Main Road Boom gate Design
- Mine Shoval Pad Workshop Remediation design to extend structures life
- Barrier Wall design from Ejected Object from primary crusher
- Fatigue Billboard Design
- Storage Facilities Recreational Area on Grade concrete floor Design
- TK2050 Re liner Project Temporary support for Stair/Walkway
- Pipe Rack 003 Access Structure Modification
- Batch plant roof on shipping container office design
- Conveyor (CV) 2012 Bend Pulley Access Design
- Camp 1 transformer CB Panel Foundation Design

- Design Structural Frame for assisting in removal/replacement of Demin tanks
- Diesel Power Station (DPS) Heavy Fuel Oil (HFO) Pipe Support on existing Rack Design
- Mine reliability Office sagging Ceiling Correction Design
- Conveyor (CV) 1005 Underpass Pathway Extension Design
- SN013 Tails Line Diversion Design
- LIN Injection into LPC Linde Plant Pipe Support Structure Design
- TK005 Scaffold on Tank Platform Check
- HG01 Sag Mill Motor Cradle Design
- Vent Box Lifting Support Structure Design
- Lime Tank (TK102) Platform Check for Hanging Scaffold Design
- Chute (CH) 2024 Replacement and Relocation Design and Design Checks
- Pebble Crusher (CR) 2004 Tramp Protection Design
- Conveyor (CV) 009 Temporary Support Design
- Mine Core shed Fuel Storage Structure Design
- Dyno Workshop Roof Post Connection to Shipping Container Verification Calculations
- Auto Clave (AC( 123 Motor Lay Down Table Structure Design Verification
- Port Crane Setup Structural verification Calculations
- Culvert check for 220 Tonne SWL Crane to Cross Calculations
- Camp 1 Boom gate shed design
- Storage Warehouse Rack Loading Capacity Rating
- Non-Standard scaffold design for Shoring bricks and work platform in AC2004
- Pipe Rack (PR) 08 Added Live Load Check
- CCD3 Breakdown Repair Scaffolding Design
- Diesel Power Station (DPS) Building Structural Inspection and Assessment Report
- Londolovit HR Training Building Structural Assessment and Reporting
- Mine Area -QED Drilling Workshop Structural Inspection, Assessment and Reporting

- HG01 Sag Mill Feed Chute Cross Travel Rails Structural Assessment Report
- MOPU Warehouse structural assessment report
- Incinerator Building Structural Assessment and Reporting

### PAROHU EPC ENGINEERS | Port Moresby, PNG

Structural Engineer | QAQC Engineer | March 2019 - October 2019

Parohu EPC Engineers is a reasonable size reputable national (PNG) company that delivers projects around PNG in an EPC package. The company was carryout some significant design and build projects around the country during my tenure/engagement period.

During my engagement with PAROHU EPC Engineers, my responsibilities included:

- Structural Engineering Calculations and design documentations
- Compiling Design Sketches from calculation outcomes to present to draftee for design drafting
- Presenting IFC Designs to Structural Consulting Engineers for certification and approval for construction
- Carrying out QAQC structural inspections and provide approvals on projects under constructions
- Preparation of Bid Documentations (FIDIC) for minor civil works for subcontractors

Some notable projects I worked on or delivered are listed below:

- Western Pacific University (WPU) Construction project, Ialibu, SHP, PNG I carried out structural engineering calculations for foundation design of the structures. I led a team of geotech lab technicians form UNITECH to the project site to carryout the geotechnical investigation. From the geotech report produced, it was noted that foundation soil was clay with very high moisture content and very low soil allowable bearing capacity (ABC) of less than 100KPA to greater depths. My calculation and design suggestion indicated pile foundations or raft foundation design for the structures to be built there.
- Structural design and calculation documentation for Rigawali United Church, Central province,
   PNG All designs were supplied to registered consulting structural engineers to review and certify and issue approval for construction.
- Structural design and calculation documentation for the Madang AOG Church, Madang province -

All designs and documents were supplied to registered consulting engineers to review and certify and issue approval for construction.

- Structural checks and design for Kaindu DWU Nursing College Housing Projects, Wewak East Sepik province
- Bid price estimations and bid documentations

### PESTECH PNG LTD. | Port Moresby, PNG

Civil Project Engineer | QAQC Engineer October 2017 - March 2019

PESTECH is an international company. PESTECH was awarded the 50 Million Kina contract to construct the Kilakila 11/66 KV Substation and Transmission Lines. The project client is PNG Power and ADB. The project description is as below:

- 1. Design and construct Kilakila power substation
- 2. Design and construct switch-yard and switch yard Building (RC) structure
- 3. Design and construct 17 Transmission Towers
- 4. Design and Construct all associated civil works and structures

I was engaged as the Civil/Project and QAQC engineer responsible for all the civil aspects of the construction.

My responsibilities on this role were to:

- Scope Civil/Structural design design works, document and send off/bid to consultants
- Liaise with consultants to get all the designs for civil/structural in place
- Present design to PNG Power team for approval at their end
- Provide scope of civil/structural works (as per approved design) to contractors for price bidding
- Manage contractors on site during construction
- Site inspect on all construction works and provide QAQC reports
- Produce weekly reports on construction progress to all stakeholders

### R.NAPITALAI Consulting Engineers LTD. | Port Moresby, PNG

Structural Engineer October 2016 - October 2017

Graduate/Junior Structural Engineer October 2014 - October 2016

R.Napitalai Consulting Engineers is a consulting structural engineering firm in Papua New Guinea. R.Napitalai Consulting engineers provides consulting services to the mining, manufacturing, government and private sectors. The firm carries out design and certification of low to high-rise buildings, bridges, mining infrastructures, wharf, jetties, etc. The firms' director or principal structural engineer is Ron. C. Napitalai. Ron is a recognised fellow member and a registered structural engineer in the Institution of Engineers, PNG (IEPNG).

I was under direct supervision of Mr. Napitalai during my tenure as a graduate/junior structural engineer to a structural engineer during my 3 years engagement with the company.

My responsibilities on this role included:

- Performing structural analysis and design (calculations)
- Structural Inspection and reporting
- Performing reverse engineering on deteriorated structures, report and provide options for remedial works
- Structural drafting
- Assisting to provide company tender documentations
- Carry out engineering survey and establishing levels
- Interact with draftees and architects to make sure project meets deadline

Listed below were some notable projects I was involved in under the direct supervision of R.Napitalai:

- Lutheran Synod Auditorium Design, Finchafen, Morobe Province, PNG
- Hardware Shop, 9-Mile plaza for J and Z Trading Ltd. Port Moresby, PNG
- 12x2 Bedroom residential units for Gum Tree Estates for PNG Institute of Medical Research,
   Madang Province, PNG
- Double Classroom for Milene bay Teachers College
- Milene Bay Teacher College 2-storey Girls dormitory
- George Brown Memorial Church, Port Moresby, PNG
- Two Storey Classroom, Aiura National High School, E.H.P. PNG
- Water PNG Structural Design for pipe support bridge for 10m section of DICL Raising Mains

- Proposed Shop and control building for Bige Petroleum Service Station, Papa Lealea Road,
   Central province
- Exxon Mobil Service station Remedial Investigation and reporting for maintenance works Ela
   Beach Port Moresby
- Exxon Mobil Service station Remedial Investigation and reporting for maintenance works Waigani Port Moresby
- Asukenato Guest House, Goroka E.H.P, PNG
- Wani Koropa Guest House, Port Moresby, PNG
- Harbour City Development Construction of Peninsular Building # 8 (8 storey RC building pile foundation) - Curtin Bros: Provided QAQC structural Inspections during construction and provide approvals for pouring and construction progressions.

### **EDUCATION**

PNG University of Technology | Lae, Morobe Province, PNG

Civil Engineering, Bachelor February 2010 - February 2014

### REGISTRATIONS/AFFILIATIONS

Member of the Institution of Engineers, Papua New Guinea (MIEPNG) No. 7117
Certified Practicing Engineer (CPEng), Papua New Guinea No.4846
Registered Structural Engineer (Reg Struct..Eng), Papua New Guinea No. 524176

### TECHNICAL SPECIAL SKILLS

- Highly knowledgeable with the use of the PNG Design Standards or Codes
- Highly knowledgeable with the use of the Australian Design Standards or Codes
- Fairly knowledgeable with the use of New Zealand Design Standards or Codes
- Highly knowledgeable and fluent with the use of the below listed structural calculation programme:
  - 1) Microstran
  - 2) Spacegass

- 3) ETABS
- 4) SAPP200
- 5) Limcon Connections
- 6) CSI Bridge
- Fairly knowledgeable and fluent in the Autocad Software for design and drafting purposes
- Expanding/background research (and excel calculation build up) for Earthquake Dynamic
   Analysis

### **AWARDS**

- WORLEY AWARDS Value Creation Award For proposing simple innovative design solutions to difficult problems in Newcrest Mine, Lihir
- WORLEY AWARDS Value Creation Award For providing successful solutions (designs) for urgent breakdown jobs Newcrest Mine, Lihir

### **DECLARATIONS**

I JONATHAN KAUPA certify that the above is a true record of my Curriculum Vitae and hereby certify as follows:

Dated: 3rd of June 2024





# Certificate of Recognition

This certificate is presented to

# Jonathan Kaupa

For the Lihir Project November 2021 Monthly Value Creation Award



Scott Foster
Alliance Contract Manager

06 January 2022





# Pertificate of Recognition

This certificate is presented to

# Jonathan Kaupa

Lihir Project - " For providing support and developing successful solution on urgent project"

Halley

Scott Foster
Alliance Contract Manager

April 2022



### PROFESSIONAL ENGINEERS REGISTRATION BOARD

## This is to certify that

### Mr Jonathan KAUPA

is a

### REGISTERED ENGINEER

in accordance with the requirements of the PROFESSIONAL ENGINEERS REGISTRATION ACT 2007 (amended)

until

18 December 2025

Witness our hands and Seal of the Institution

Chairman

Registrar

4846

Number in Register



### INSTITUTION OF ENGINEERS PAPUA NEW GUINEA INC.

This is to certify that

Mr Jonathan KAUPA

is registered as a

### STRUCTURAL ENGINEER

with the Institution of Engineers Papua New Guinea Inc. and is authorised to certify designs and plans for structural adequacy and conformity with the statutory requirements of the Building Act for the period

From: 20 May 2024 To: 19 May 2027

Witness our hands and Seal of the Institution

Chairman

Registrar

524176

Structural Registration Number 20 May 2024

Date Registered



# BUSINESS PROFILE

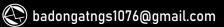
Badonga Tech and Graphics Solution is a Nationally owned and operated business, based in Port Moresby, operating under the Small to Medium Enterprise (SME), providing and distributing printing and graphics products and services throughout Papua New Guinea. Our goal is to provide professional, reliable and affordable services to meet our client's growing demands, hence providing and promoting a one stop, print shop services.

Our main office and showroom is based in Port Moresby at Steamship Compound, Islander Waigani (Section 38, Allotment 33, Building 10). Our Production area is at Hohola 2, Port Moresby We Open every Monday - Saturday (8:00am - 5:00pm)

### **CONTACT US**









### 1.ABOUT US

### Who we are

Welcome to Badonga Tech and Graphics Solution, where we take pride in providing professional, reliable, affordable and high quality graphics design and printings services with every order.

Badonga Tech and Graphics Solution is 100% locally owned, registered under the Small and Medium Enterprise (SME) Businesses.

Our services are primarily personalized into two main streams;

### 1). Graphics Design Services

We have a team of locally talented graphics designers that are readily available to provide our clients with professional and high quality graphics design services.

We also have several accounts with graphics designers website to make our work more convinent to meet our client's deadlines with professional and high quality graphics services.

### 2). Printing Services

With our printing services there's nothing we can not print, as long as it's a job that require printing we are setup to cater for it. Our services ranges from commercial printings, merchandising and stationaries services. We also provide construction and installation services within Port Moresby and outside provinces as well.

### 2. OUR CORE BUSINESS

### **Graphics Design & Printing**

- Graphics Design Services
- Large Format Digital & Offset Printings
- Promotional Merchandise Printings
- Sublimation and Uniform Printings
- Booklets and Megazine Printings
- Stationaries Services | Print, Scan and Photocopy



### 3. OUR SERVICES

Badonga Tech and Graphics Solution offers a wide range of services in commercial printings, merchandising, stationaries and graphics design services.

### 1. Graphics Design Services

Our Graphics design services include;

- Business & Company Logos
- Billboards
- Vehicle Wraps
- Megazines, Newsletters, Booklets, etc.
- Promotional Merchandise
- Businesses and Companies Brandings and Rebrandings
- Brouchers, Flyers, Pamphlets, etc.
- Event and Invitation Cards
- Business Cards, Vouchers Cards, etc.

### 2. Large Format Digital and Off-Set Printings

- Billboards | Materials: Vinyl, Cloflute, Sintra Foamboard, Metal Plate, Acrylic, etc.
- Banners | Event Banners, Hanging Banners, Pull-up Banners, etc.
- Lightbox and Acrylic Signages
- Vehicle Stickers and Full Body Wraps
- Construction, Mining and Industrial Signages, and many more!

### 3. Sublimation Printings | Merchandise

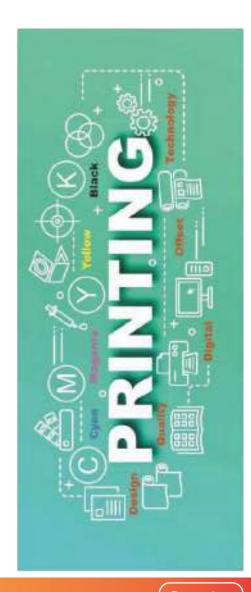
- Apparel and clothings
- Promotional items and giveaways
- · Customized events and ceremonies merchandises
- Customized resturants, bar and home decors, etc.

### 4. Booklet, Megazines & Newsletters Printings

- Megazines
- Course Books
- Products catalogues
- Campaign and program rollout booklets
- Clinic books, etc.

### 5. Stationaries Services

- Printing | Typing | Photocopying | Brinding | Leminating, etc.
- Mobile Printing Services
- Legal Service Providers Printing and Client's Billing System



### 4. VISION AND MISSION STATEMENT

### Vision

Be the leading graphics design and printing services provider thus decreasing unemployemnt statistics in Papua New Guinea.

### **Mission**

To provide professional, reliable and affordable graphic design and printing services with every order.

### **Values**

- Customers Oriented
- Customer's satisfaction is our paramount priority

  We aim for the most professional and high quality services for our clients
- Reliability
   We are always available to work with out customer's deadlines and always willing to put in our best effort within our capacity.
- Affordability
   We are always willing to work with our customer's budget for bulk orders
- Mutual Trust and Respect
   Here at Badonga we are one family, we serve our customers with love, trust, respect and dignity.

### 5. OUR PRODUCTS

### I. GRAPHICS DESIGN SERVICES



### II. LARGE FORMAT PRINTINGS | DIGITAL AND OFF-SET PRINTINGS

BILLBOARDS | Design - Printing and Installtions



BANNERS | Design - Printing and Setups | Hanging, Pull-Up, ect.



### II. LARGE FROMAT PRINTING | INDOOR AND OUTDOOR SIGNAGES



Perfect for;

- **⊙** Shop Displays
- **⊘** Offices Signages
- ✓ Outdoor Billboards
- Photoframes



Lightbox signages can be customized to any shape and sizes according to customer's preferences



Perfect for;

- ♥ Photoframes
- ✓ Certificate Framings

Acrylic signages can be customized to any shape and sizes according to customer's preferences

### II. LARGE FORMAT PRINTINGS | DIGITAL AND OFF-SET PRINTINGS

VEHICLE WRAPS | Design - Printing and Installations



SIGNAGES | Safety, Construction, Minings and Industrials



### **III. SUBLIMATIONS & UV PRINTINGS**

**Customized Promotional Merchandise** 

- Apparels and clothings
- Promotional items and giveaways
- Sport Equipments
- Customized, resturant, bar and home decors, etc.











### **III. SUBLIMATIONS & UV PRINTINGS**

**Customized Promotional Merchandise** 

- Apparel and clothings
- Promotional items and giveaways
- Spoerts Equipments
- Customized, resturant, bar and home decors, etc.

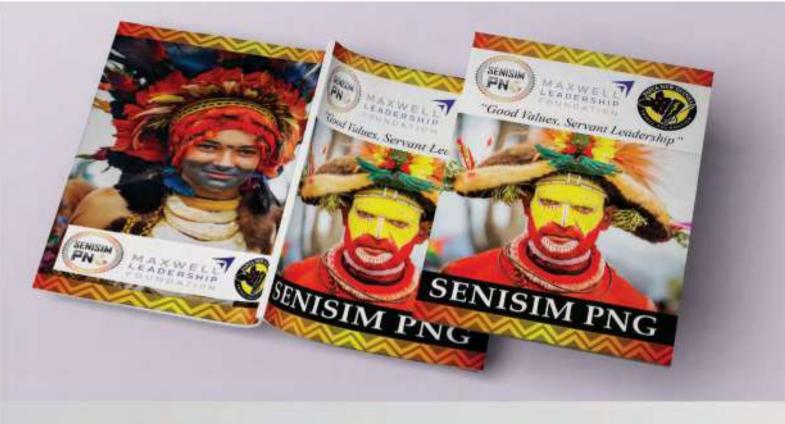






### IV. MEGAZINES | BOOKLETS | NEWSLETTERS

Compilations: Graphics Layout and Printings Bindings: Perfect Binding and Saddle Stiches





### V. STATIONARIES SERVICES

Typing | Printing | Photocopying | Binding



**Mobile Online Printing** 



# **MOBILE PRINTING**

Send us your printing documents via:



badongatngs1076@gmail.com



(+675) 78284096

you send! we print! we deliver!

Convenient | Reliable | Affordable | High Quality

Minimum Qunatity: 20x pages

Turnaround time: within 30mins - 2hrs ( Depending on your location)

### VI. 3D Laser Engraving

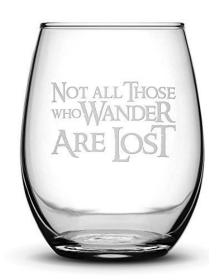
### Personalized your gifts of items with us!

We engrave on:

# Leathers | Wood | Stainless Steel | Glass | Fabrics Arcylics and many more!









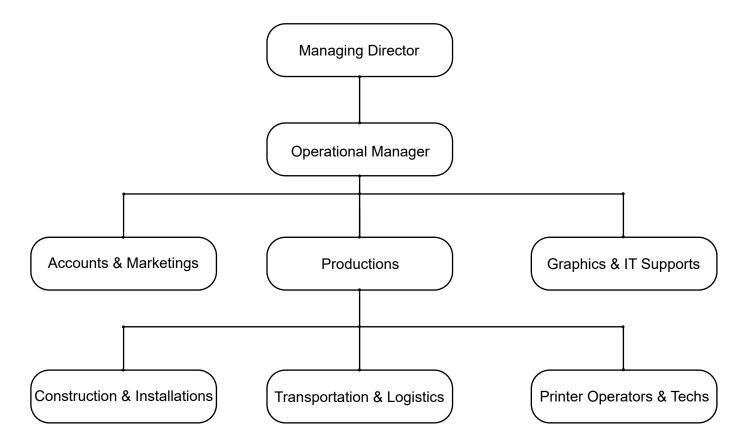








### 6. BUSINESS STRUCTURE & HIERARCHY



### 7. BUSINESS REGISTRATION AND INFORMATION

## REAGISTRATION BUSINESS LOCATION SALES AND ADMIN OFFICE

Section 38, Lot 33, Waigani Islander, Steamship Compound, The Oasis Building, National Capital District

### PRODUCTION AREA

Hohola 2, National Capital District, Port Moresby

### **BUSINESS CONTACT PERSONNEL**

Mr. Israel Kaupa - Managing Director (+675) 7307 9515 | ikaupa1076@gmail.com Mr. Paul Mili - Operations Manager (+675) 7849 8703 | pmili.btngs1076@gmail.com

### **BUSINESS CONTACT DETAILS**

Mail Box: P.O Box 122, 134 University, 121 NCD, Port Moresby, Papua New Guinea

Email: badongatngs1076@gmail.com

Phone: (+675) 7828 4096

Facebook/LinkedIn: Badonga Tech and Graphics Solution

### **BUSINESS REGISTRATION DETAILS**

IPA Certificate Number: 6-213578 IRC Certificate Number: 105349353 IRC (TIN) Number: 501615500

### 8. BUSINESS DOCUMENTS



### TAXPAYER REGISTRATION CERTIFICATE

Taxpayer Identification Number: 501615500

Name of Business/Individual: MR ISRAEL KAUPA

T/AS BADONGA TECH AND GRAPHICS SOLUTION Registered Address:

P.O Box 122

University 134, National Capital District

Papua New Guinea

Nature of Business / Individual Situation:

SOLE TRADER

Issuing Authority: IRC HEAD OFFICE

Date of issuance: August 31, 2020

This certificate represents the sole and only registration as a taxpayer and supersedes all prior registration documentation.

The taxpayer is responsible for notifying the Internal Revenue Commission of any changes to the above information.



**SEAL OF ISSUING AUTHORITY** 

Certificate Number:

105349353

### 8. BUSINESS DOCUMENTS



# INDEPENDENT STATE OF PAPUA NEW GUINEA

Business Name Act

Act, Sec. 8(4),(5)

### Certificate of Registration of Business Name

### BADONGA TECH AND GRAPHICS SOLUTION

6-213578

I certify that the name

### BADONGA TECH AND GRAPHICS SOLUTION

was registered under the Business Names Act

on 04 October, 2022



David A. KIL Registrar of Companies

This registration expires on 31 October, 2025

The validation code for the Certificate Of Registration Of Business Name is BN-3101856. To check the validity of this certificate enter https://www.ipa.gov.pg/Corp/Verify.aspx?entityNumber=6-213578&code=BN-3101856 in your browser.

### 9. OUR SETUP



OUR SALES OFFICE AND SHOWROOM | Section 38, Lot.33, Waigani Islander, Steamship Compound, NCD

Our setup is amined at gaining client's confidence, increase productivity and decrease turn-around time with every order.



OUR PRODUCTION & FEBRICATION YARD | Hohola 2, Port Moresby, 121 NCDC

### 10. OUR TEAM



Our dedicated and multi-talented team are always ready for every order, where we take pride in dilivering quality, reliable and professional services for client's statisfications.

