

MZUZU OFFICE P.O. BOX 20292 LUWINGA MZUZU 2

LILONGWE OFFICE P.O. BOX 40174 KANENGO LILONGWE 4

TEL: +265 (0) 1 320 315 / (0) 888 312 748/ (0) 999 122 307 Email: <u>kuunikacontractor@yahoo.com</u>

PROFILE OF KUUNIKA ELECTRICAL AND SOLAR CONTRACTORS

1. Outline of Business

(a) Business Name: Kuunika Electrical and Solar Contractor (KESC)

Line of Business: Single and three phase industrial and domestic electrical installations, trouble shooting and fault finding in an installation, installation of generator and machines, solar water pumping systems, solar electricity systems, hybrid systems and back-up power systems, energy and general engineering works.

Head Office: Luwinga Industrial Area,
P.O. Box 20292,
Mzuzu.
Lilongwe Branch: Area 49 Gulliver,
P.O. Box 40174
Kanengo
Lilongwe 4.
Tel: +265 (0) 1 320 315/ +265 (0) 888 312 748/ +265 (0) 999 122 307

Email: kuunikacontractor@yahoo.com, dsgomani@yahoo.co.uk

Establishment: 2nd May 2011

Registration Details:

- i. Registrar General of Companies Malawi Government
- ii. Malawi Energy Regulatory Authority (MERA)
- iii. National Construction Industry Council (NCIC) Malawi

2. General

Although the business was only registered in 2011, the Director and Management Staff have more than 10 years experience in the development, installation, maintenance and training in electrical and renewable energy systems for project sustainability. **KESC** has successfully implemented various electrical and renewable energy systems for individuals, communities, and organizations. Although KESC is a small and relatively new business it is striving to grow its business. KESC successfully worked with a Japanese company: Takaoka Engineering Company Ltd in the installation of solar electrical generation and distribution system for Kamuzu International Airport.

Some of Past Track Records of Accomplishments - KESC

In 2016 we have managed to install a 10kW solar backup system for Livingstonia Synod Aids Programme (LISAP). This comprises of Offices, Charlet, Hostels and Cafeteria. The system was design, calculation of load requirement and installation was done by Kuunika Electrical and Solar Contractor. Currently, it is in good working condition.

In 2013-2015, University of Malawi - The Polytechnic WASHTED under the Scottish funded Malawi Renewable Energy Acceleration Programme (MREAP) engaged **KESC** in designing, installation and commissioning of solar system for various schools and rural health facilities in Chikwawa and Nsanje districts. We worked diligently, and communicated well together and with the team to successfully complete the project. The installed solar PV systems are still in good working conditions. We were also tasked to train the communities about safety, operation and maintenance of the installed systems as one way of capacity building and enhancing system sustainability. We completed this component of the contract so much so that we were innovative and went further to formulate energy committees that were entrusted in the overall management of the installed systems.

Apart from that, in 2013 **KESC** was involved in the installation of solar photovoltaic electricity generation and distribution system at Kamuzu International Airport in Lilongwe. This was a 1 year project which involved in the construction of 830 kW solar electricity generation and distribution system. Electricity generated is used at the airport and any excess is fed into the Electricity Supply Corporation of Malawi (ESCOM) grid. The tasks involved installation of 11kV feeder line, switchgears, 1MVA transformer, 100kW Power conditioners (Inverters), and

59 Solar Arrays which generate 830 kW. Apart from hydro power generation; this is the biggest renewable energy project to be undertaken in Malawi.

In January – February 2013 **KESC** successfully completed a solar photovoltaic system for Khozo Community Based Organisation Centre under the Catholic Health Services in Rumphi district. In this project KESC designed and installed a solar photovoltaic system (comprising solar panels, battery bank, inverters, lamps and charge controllers amongst others) for lighting for the centre and several school blocks, battery charging for income generating activities, and Information Communication Technology for the centre. In addition **KESC** trained users in maintenance and management solar photovoltaic systems for sustainability.

Between 2009 and 2011 **KESC** was involved in the installation of electrical machinery in the cafeteria of Nkhata Bay District Hospital and at we have also been involved in consultancy work of electrical energy audit for Kawalazi Tea Estates Limited. We were retrofitting machinery with other equipment that consumes low power for the purpose of minimizing bills.

In collaboration with FC Consultants **KESC** successfully installed five community solar water pumping and distribution systems in Zomba and Mzimba which are benefiting more than 60,000 people. This project was undertaken on behalf of **World Vision International (DANONE Project**) between 2011 and 2013. In this project **KESC** was involved in the baseline data collection, installation of solar pumping systems, rehabilitation of water distribution systems, development of a business model for running the water systems for sustainability, training of communities in system operation and management.

In September 2012 **KESC** successfully installed a 500w solar photovoltaic system and associated works for charging portable batteries to power LED lights. The system was installed at Ruarwe in Nkhata Bay district. In collaboration Washted of University of Malawi – Polytechnic, **KESC** was involved with in installation of solar electrical systems for Health Centres and Primary Schools in Chikwawa district.

3. Human Resources

KESC has a pool of experts in engineering, energy, project management, community mobilisation, training and business management amongst others whom it collaborates with as and when need arises. Currently, KESC have **Eleven** permanent and **twelve** temporally employees.

4. KESC Philosophy

KESC believes in a higher degree of protection of its workers and clients through the implementation of preventive measure to guard against accidents and occupational diseases, through the information, consultation, balanced participation and training of workers and their representatives. KESC is committed to the protection of the environment in all of its activities, and will endeavour to conduct these in a manner that is environmentally responsible and sustainable.

5. Financial Capacity

Currently, KESC is operating corporate account with FDH and Nedbank Banks. In addition, we have a good track record in repaying bank loans that were meant to finance various projects. This gives an edge to easily borrow money for any project that may require additional fund to execute the projects. KESC also partners with several local companies that can offer support in an event of big project.

6. Future Plans

Currently, KESC has an administrative office in the Central Region of Malawi(Lilongwe) and a branch in the Northern Region (Mzuzu). Our vision is to increase the customer base by 4 folds in the next five years. Therefore, we plan to hire more staff and open more branches across the country.

7. PREVIOUS EXPERIENCE WITH SIMILAR PROJECTS

KESC has undertaken similar works and some of the works undertaken during the last 5 years are outlined below:

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#	Name of Project	Client	Contact Person	Period	Works Undertaken
1.	Solar Photovoltaic back-up system for offices	Northern Region Water Board	Mr. Titus Mtegha – Chief Executive Officer	2018	Designed and installed 15KVA, 10KVA and 5KVA solar photovoltaic back-systems for offices in Mzimba, Chitipa and Mzuzu (for server) respectively. It is on-going project right now
2	Installation of Solar Direct Driven Fridges	UNICEF Copenhagen /Malawi Ministry of Health	Mr. Claus Cording – Innovation Manager (Vestfrost – Denmark)	2018	Installation, Commissioning and end user training of Solar Direct Driven Refridgerators across the country. It is currently on going project
2	Electrical Maintenance	Malawi Revenue Authority	Mr. Bellings Munthali – Administrator	2017	Electrical maintenance for Songwe port, Mzuzu Port and Regional Office. This also installation of a 50kW generator at the Regional office (North)
3.	Solar photovoltaic system for backup power	Livingstonia Synod Aids Programme (LISAP).	Mphatso Ngulube – Director	2016	Designed and installed a 10kW solar photovoltaic backup system for offices, charlet, hostels and cafeteria. Trained users in system operations and management.
4.	Solar Photovoltaic back-up system lodge	Mphiri Lodge	Mr. Titus Mtegha – Managing Director	2016	Designed and installed a 10KVA solar photovoltaic back-up system for a lodge in Mzuzu
5.	Solar Photovoltaic system for primary schools	World Vision International - Malawi	Mr. Dilly Mwenda – WASH Coordinator	2016	Designed and installed a solar photovoltaic system for two primary schools In Ntchisi District.
6.	Kaphuka EPA Solar water pumping system in Dedza District	World Vision International - Malawi	Mr. Dilly Mwenda – WASH Coordinator	2015	Designed and installed a solar water pumping system supplying clean water to a community of more than 10,000 people.
7.	Malawi Renewable Energy Acceleration Programme (MREAP) Solar Photovoltaic Systems	University of Malawi - The Polytechnic (WASHTED centre) under the Scottish funded Malawi Renewable Energy Acceleration Programme (MREAP)	Mr. Kelvin Tembo – Project Coordinator	2013 - 2015	Designed, installed and commissioned solar photovoltaic systems for 6 primary schools and 6 rural health facilities in Chikwawa and Nsanje districts. Trained communities and employees on safety, operation and maintenance of the installed systems as one way of capacity building and enhancing system sustainability. Formulated and trained energy committees that were entrusted in the overall management of the systems.
8.	Kamuzu International Airport in Lilongwe Solar Power	Malawi Government with funding from Japanese Government	Mr. Pearson Nyondo - Engineer	2013	Was engaged as a local sub-contractor for Takaoka Engineering Company Ltd of Japan. The project involved the installation of 830 kW solar photovoltaic electricity generation and distribution system at Kamuzu International

Generation System	Airport. Specific tasks amongst others included installation of 11kV feeder line, switchgears, 1MVA transformer, 100kW
	Power conditioners (Inverters), and 59 Solar Arrays of capacity 830 kW.

8. REFEREES

Titus Mtegha The Chief Executive Officer Northern Regional Water Board P.O. Box 94 Mzuzu Tel: +265 999 823 140/ +265 888 823 140 **Email:** tmtegha@yahoo.com

Mphatso Ngulube (Ms) Director of Health Livingstonia Synod P.O. Box 1000 Mzuzu Tel: +265 888 309 655/ + 265 999 576 799 Email: mphangulube@gmail.com

Dr. Maxon Chitawo Department of Energy Studies Mzuzu University Private Bag 201 Mzuzu Tel: +265 884 124 790/+ 265 994 348 400 **Email: maxonchitawo@yahoo.co.uk**

9. CURRICULUM VITAE OF KEY STAFF

(i) CV 1: SAMUEL DALITSO GOMANI

NAME:	Samuel Dalitso Gomani
POSITION:	Managing Director/ Project Manager
CONTACT ADDRESS:	P.O. Box 20292, Luwinga Mzuzu 2
SEX: Male	

DATE OF BIRTH: 19th October, 1980

Tel: 0888 312 748/ 0999 122 307 Email: <u>dsgomani@yahoo.co.uk</u>

2. EDUCATION

(a) Bachelor of Science in Renewable Energy Technologies – Lower Second Class (September 2009 – November 2011, Mzuzu University - Upgrading Programme)

SKILLS AND KNOWLEDGE:

- Design and installation of renewable energy system such as grid connected, stand alone and hybrid systems.
- Technical and theoretical skills in designing, installation, operation and maintenance of mini and micro hydro power plants, solar power system, wind power and biogas technologies.
- Energy auditing for both demand and supply
- Environmental impact assessment, environmental auditing and addressing issues of environmental degradation, waste management and climate change.
- Establishing an environmental policy for an organization
- Energy policy formulation, planning and implementation

(b) Technician Diploma in Electrical Engineering of City and Guilds obtained at Lilongwe Technical College (2000 – 2003)

(c) Advanced Malawi Craft in Electrical Trades obtained at Lilongwe Technical College (2000 – 2003) – Teveta Apprenticeship Programme

(d) National Trade Test Grade One in Electrical Installation obtained in 2003 at Lilongwe Technical College

3. WORK EXPERIENCE

(a) Mzuzu University, Department of Energy Studies (August 2006) - Senior Laboratory Technician (Training)

Duties and Responsibilities:

- Demonstrate Bsc. Students in carrying out practicals and experiments of renewable energy technologies.
- Organizing and facilitating renewable energy short courses for the Department of Energy, Mzuzu University.
- Design and installation of renewable energy system such as grid connected, stand alone and hybrid systems.
- Technical and theoretical skills in designing, installation, operation and maintenance of mini and micro hydro power plants, solar power system, wind power and biogas technologies.
- Installation of Solar photovoltaic systems such as solar water pumps, solar home systems
- A leading Technician for Biogas from cow dung project for methane production which is used for cooking with funds from British High Commission

(b) Project/Consultancy fully involved - Takaoka Engineering Co., Ltd (Japan) - Site Engineer (Electrical) (December 2012 – October 2013) - Installation of 830kW grid connected solar power farm for Kamuzu International Airport – Japanese Grant Aid for the introduction of clean energy

Duties and Responsibilities:

- Installation of photovoltaic modules, switch gears and transformers
- Testing and measurement of the solar photovoltaic system
- Supervising the Electrical Technicians and the other work force on the site
- Involved in end user training for the project beneficiaries in particular Airport Development Limited (ADL) and Civil Aviation Technicians.
- Supervision for all site works

(c) Presscane Limited, Engineering Section - Electrical Technician (August 2004 – July 2006)

Duties and Responsibilities

- Installation of new industrial machine.
- Instrumentation and programmable logic control (PLC) knowledge.
- Trouble shooting and fault finding in an installation.
- Setting and calculating protective devices for industrial machines and equipment.
- Mechanical engineering tasks assigned from time to time.
- Calculating power factor banks for the factory.
- Routine monthly electrical report for the equipment and general electrical such as preventative plant maintenance, and monthly stand-by power consumed during load shedding and power interruption.

(d) Eastern Produce Limited, Kasembereka Tea Factory, **Electrical Technician** (2001 – January 2004, Apprenticeship Training)

4. Other Consultancies/ Projects involved

- (a) Project Coordinator for Mzuzu City (Opportunities and Challenges of Solid Waste Management: The Case of Malawian Cities) (March – December, 2014). The overall objective of the research was to analyze the current challenges and opportunities in solid waste management in the Malawian cities in an attempt to come up with better mechanisms to manage the solid waste. The research used both primary and secondary data. In addition the research involved a waste generation study which involved sampling and analysis of waste from households, entities and institutions.
- (b) Project Coordinator: Crop Livestock Integrated Project (CLIP) and Malawi Renewable Acceleration Project (MREAP) (September 2014 – December 2016). Production of biogas and manure from waste such as cow dung in fighting against climate change. Responsible for the overall implementation (planning, budgeting, coordination, directing and controlling of project activities) of the project. Work involved included proposal formulation and writing, identification of potential beneficiary communities, assessment of the potential beneficiaries, system design, installation of biogas plants and training of communities in operation and maintenance of biogas plants.
- (c) External Examiner Ministry of Labour and Manpower Development National Trade Test examination in Electrical installation since March 2014 up to present
- (d) External Verifier Technical, Entrepreneurial and Vocational Education and Training Authority (TEVETA).
- (e) **Technical Member/ Convener** Malawi Bureau of Standards Development of standards ISO/TC 285 for clean cookstoves in corroboration with the Global Alliance for Clean Cookstoves

(ii) CV 2: ENG. FREDRICK WAZINGWA MUNTHALI

1. Nationality: Malawian

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- 2. Position: Technical Director
- 3. Name of Firm: Kuunika Electrical and Solar Contractors

4. Previous Related Work Experience

Detailed Tasks Assigned	Work Undertaken that Best Illustrates Capability to Handle the Tasks Assigned
Assessment of solar drying for maize to reduce post- harvest losses in Malawi and Zambia	 Period: 2016 to date Location: Mzimba and Salima in Malawi and Monza and Chipata in Zambia Client: Agriculture Productivity Programme for Southern Africa (APPSA) Positions held: Team Leader (Malawi and Zambia) Activities: To adapt tunnel solar dryers for maize; To fabricate the adapted tunnel solar dryers for maize; To assess the performance of the tunnel solar dryers as relative to conventional direct sun drying; To assess the effect of solar drying on the prevalence of mycotoxins in maize; and To evaluate the economic feasibility of the tunnel solar drying technology for maize in the selected areas.
Design and installation of a 6Kw solar/wind hybrid system for milk cooling facility	 Period: 2015 to 2017 Location: Thyolo Client: Rural Livelihoods and Economic Enhancement Programme (RLEEP) Positions held: Team Leader Activities: Load assessment, system sizing and design, producing list of materials and specifications for implementation, procurement of materials, system installation, training and commissioning of system.
Sustainability assessment and installation of five solar water pumping systems for communities of up to 100,000 people	 Period: 2011 – 2013 Location: Zomba and Mzimba Districts Client: World Vision International - Malawi Positions held: Lead Consultant Activities: Analysed borehole yields relative to pumping rates, designed systems to ensure pumping rate did not exceed borehole yields, prepared list of materials required for installation, installed five mechanised solar powered water supply systems in five communities, developed training manual, trained employees and local communities hosting the water systems.

5. Education:

University Attended	Degree	Date Obtained
Nottingham University, United Kingdom	MSc in Environmental Engineering	September 2004
University of Malawi, the Polytechnic	BSc Mechanical Engineering	July 1990

6. Other Training:

September 2016:	Solar resources mapping for Malawi to support the development of renewable energy in Malawi
January 2016:	Market Assessment for Small Wind Turbines and Off grid solar technologies in Malawi
August 2014:	Social and Environmental Enterprise Development Training of Trainers
November 2012:	Integrating Gender & HIV in Environmental Impact Assessments of Projects

7. Membership in Professional Associations:

Malawi Board of Engineers (Registered Mechanical and Environmental Engineer)	□ Member – Renewable Energy World
Malawi Institution of Engineers – Associate Member	

8. Other Responsibilities:

2014 to date:	Expert Member of the International Standards Orgnaisation/ Technical Committee 285 (ISO/ TC
	285) for the development of International Standards for Clean Cookstoves.

- 2013 to date: Technical Member of the Renewable Energy Industries Association of Malawi
- 2011 to date: Technical team member of the National Energy Projects Committee in Malawi (Solar Energy)
- 2012 2014: Member of the Wind Power Resource Assessment Team The Malawi Renewable Energy Acceleration Programme (MREAP) with funding from the Scottish Government.

9. Languages:

Language	Speaking	Reading	Writing
English	Fluent	Excellent	Excellent
Chichewa	Fluent	Excellent	Excellent
Tumbuka	Fluent	Excellent	Excellent

10. Employment Record

From: September 2010 to dateEmployer: National Commission for Science and TechnologyPosition(s) held: Chief Research Services Officer (Engineering, Energy and Industry)

From: August 207 to: August 2010 Employer: Mzuzu University, Malawi Position(s) held: Lecturer in Renewable Energy Technologies

From: May 2005 **to:** September 2007 **Employer:** Environment Agency (England and Wales) **Position(s) held:** Pollution Prevention and Control Officer

From: April 1994 to: August 2003 Employer: Chibuku Products Limited Position(s) held: Production Manager/ Operations Manager

From: November 1990 to: April 1994 Employer: Naming'omba Tea Estates Limited Position(s) held: Production Supervisor

(iii) CV 3: MR. EMMANUEL MAGANIZO

- 1. Nationality: Malawian
- 2. Proposed Position: Technician
- 3. Name of Firm: Kuunika Electrical and Solar Contractors
- 4. PROFFESIONAL QUALIFICATIONS
- I. Diploma in Refridgeration and AirConditioning
- II. Diploma in Electrical Engineering
- III. Grade 1 National Trade Test(Refridgeration)
- 5. WORK EXPERIENCE
 - i.Malawi Telecommunications Limited

2008 to 2015

2004-2008

Post:-Power & Air Conditioner Technician (Northern Region)Duties:-Repairing Air Conditioners
Servicing Air Conditioners
Installing Air Conditioners
Repairing Gensets
Fuel deliver and monitoring different MTL exchanges
Installation of Rectifiers and Batteries in equipment Rooms
Producing Monthly Reports for Power and Aircon
Earth Protection System Installation and Improvement

ii.Bestobel Malawi Limited

 Post
 Refridgeration Technician

 Duties
 : Repairing different types of coolers

 Installing and servicing Air Conditioners
 Installing and servicing Refridgeration plants e.g Ammonia Compressor,

 Coldrooms, Chiller, Air driers, Draught machines.
 Coldrooms

iii.Suncrest Malawi Limited

 Post
 : Refrigeration Technician

 Duties
 : Repairing different types of coolers

 Installing and servicing Air Conditioners
 Installing and servicing Refridgeration plants e.g Ammonia Compressor,

 Coldrooms, Chiller, Air driers, Draught machines

iv. Southern Bottlers

Post	:-	Refrigeration Technician
Duties	:-	Repairing different types of coolers
		Installing and servicing Air Conditioners
		Installing and servicing Refridgeration plants e.g Ammonia Compressor,
		Coldrooms, Chiller, Air driers, Draught machines

2004

2000-2003

(iv) CV 3: MR. EMMANUEL TOFF THAUZENI

- 1. Nationality: Malawian
- 2. Proposed Position: Technician
- 3. Name of Firm: Kuunika Electrical and Solar Contractors

4. QUALIFICATIONS

- i. <u>ADVANCED TECHNICIAN DIPLOMA IN ELECTRICAL ENGINEERING OF CITY AND GUILDS (PART III)</u>
- ii. ADVANCED MALAWI CRAFT CERTIFICATE IN ELECTRICAL TRADE
- iii. <u>NATIONAL TRADE TEST CERTIFICATE GRADE ONE IN ELECTRICAL INSTALLATION</u>

5. WORK EXPERIENCE

- i. ESCOM Limited Distribution Supervisor (2008 2017)
- ii. Carlsberg Malawi Brewery Limited Electrical Technician (2006 2008)
- iii. Leaf Tobacco Limited in Malawi and Mozambique Electrical Technician (2004 2005)

Specific tasks

- Handling of High and Low Voltage Cables, Overhead Lines and Switch Gear (33KV, 11KV & 0.4KV).
- Testing of high & low voltage cables, switch gear and transformers.
- Installation of both Transformers and Switch gear.
- Operations of high voltage switch gear and Transformer maintenance.
- Fault location of underground cable faults (HV & LV) plus jointing.
- Construction of overhead lines & maintenance (both LV & HV).
- Industrial installation i.e. Star Delta & Direct On Line Starters.
- Domestic Installation.
- Setting and calculation of protective devices.
- PLC Systems.
- Trouble shooting of both industrial & domestic installation.
- Computer operation.

10. COPIES OF CERTIFICATES AND RELEVANT DOCUMENT



BUSINESS NAMES REGISTRATION ACT (CAP. 46:02)

CERTIFICATE OF REGISTRATION

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MA.Y..... day of CHIMTEYA.....

Box

ASST Registrar of Business Names Registration Act

No. TD 44629
* 25 APR 2005
NATIONAL CONSTRUCTION INDUSTRY COUNCIL (NCIC) MALAWI Phone: (265) 24428664/529/523 Fax: 01 725 535
Private Bag A 146, Lilongwe, Malawi. E-mail: ncic@malawi.net
RECEIVED from Kuunikg Electrical & Solar Condractor Address: Box 20292, Lywigg Mzizy
the sum of Twelve thousand only Kwacha and tambala
being payment for Renewal on KTISM Sleanced for the year 2017 July - 2018 June With thanks
K 12,000.00 Gr. Muerdeli
Printed by Likuni Press



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TECHNICAL ENTREPRENEURIAL VOCATIONAL EDUCATION & TRAINING AUTHORITY

UPCOMING TEVET ENTREPRENEUR OF THE YEAR AWARD 2015

This Award is presented to

Kuunika Solar and Electrical Contractors

of Mzuzu city who have demonstrated excellence in deploying exponential strategies in their business by profitably creating exponential value for their clients in a manner that is both measurable and sustainable

Executive Director TEVETA

Lilongwe, August 2015



ELECTRICITY ACT (CAP 73:01)

ELECTRICITY BY-LAWS 2012

(By - law 10)

ELECTRICAL INSTALLATIONS PERMIT

Permit No.: EIP/C/01/04/4077

The Malawi Energy Regulatory Authority in exercise of powers conferred to it by By-Law 10 of the Electricity By-laws, 2012 and the Electricity Act of 2004, hereby issues the Installations Permit to KUUNIKA ELECTRICAL & SOLAR CONTRACTORS of P.O. BOX 20292 to carryout Electrical Installations in the Republic of Malawi, in accordance with provisions of Class C Permit.

This Permit shall expire on the **31**st **day** of **December 2017** and may be renewed on application being made for this purpose.

Issued this 30th day of March 2017

THE COMMON SEAL OF THE MALAWI ENERGY REGULATORY AUTHORITY WAS HEREUNTO AFFIXED

for Malawi Energy Regulatory Authority

This Electrical Installations Permit is issued subject to the Electricity By-laws 2012 and the Electricity Act of 2004 of which the Licensee admits cognizance..

FORM ERET 2



ENERGY REGULATION ACT (Cap.73:02)

ENERGY REGULATION BY-LAWS, 2009

LICENCE FOR RENEWABLE ENERGY ACTIVITIES (By-Law 43)

No.: ERET/01/04/8073

This Licence is hereby granted to KUUNIKA ELECTRICAL & SOLAR CONTRACTOR of P.O. BOX 20292, LUWINGA, MZUZU for the installation and maintenance of renewable energy technologies subject to the conditions prescribed by the Energy Regulations By-Laws 2009, made under the Energy Regulations Act Cap. 73:02.

This Permit shall expire on the 31st day of December 2017, and may be renewed on application being made for this purpose.

Issued this 23rd day of March, 2017

THE COMMON SEAL OF THE MALAWI ENERGY REGULATORY AUTHORITY WAS HEREUNTO AFFIXED



This Licence is issued subject to the Energy Regulation By-laws, 2009 and F 2012, of which the Licensee admits cognisance.



VRC/01-2015 **MOTOR VEHICLE** REGISTRATION CERTIFICATE

Road Traffic Act of 1997 **Registration & Licencing** Regulations

Republic of Malawi

TITLE HOLDER

OWNER

SAMUEL GOMANI 20150804035245

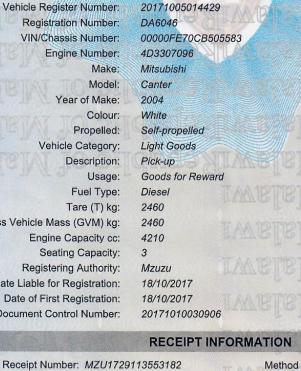
SAMUEL GOMANI 20150804035245



Registration Number: VIN/Chassis Number: Engine Number: Make: Model: Year of Make: Colour: Propelled: Vehicle Category: Description: Usage: Fuel Type: Tare (T) kg: Gross Vehicle Mass (GVM) kg: Engine Capacity cc: Seating Capacity: **Registering Authority:** Date Liable for Registration: Date of First Registration: Document Control Number:

Amount Received: MK 15,000.00

Date of Registration: 18/10/2017



Method of Payment: Bank deposit Received By: 2429 Payment Reference: 20171003289801

No: MW170721-0

0018265

20151004009933

ISSUED WITTERATIONS OF FRASILIES



Malawi Revenue Authority

Head Office Msonkho House Independence Drive Blantyre, Malawi Private Bag 247, Blantyre Phone: (265) 01 822 588 Fax: (265) 01 822 302 E-mail: mrahq@mra.mw Website: www.mra.mw

Certificate Number: MRA/MZU/000662

Tax Clearance Certificate

This is to certify that SAMUEL DALITSO GOMANI, Trading as KUUNIKA ELECTRICAL AND SOLAR CONTRACTOR (TPIN: 30993803), has been cleared on discharge of Domestic Taxes obligations for the period between Jul 1, 2015 and Jun 30, 2016.

This certificate is valid up to Jun 30, 2017.

For Commissioner General



August 31, 2016

Pay Taxes for National Development

ALL CORRESPONDENCE SHOULD BE ADDRESSED TO THE COMMISSIONER GENERAL